

May 6, 2015

Shimon Mizrahi Rainier Commons LLC 918 S. Horton Street, Suite 1018 Seattle, WA 98134

Laboratory | Management | Training www.NVLLABS.com

Subject: Testing Summary Report for Interior House Dust Collection - Joint

Sampling with EPA - Phase I

Site Address: 3100 Airport Way S

Seattle WA

2012-494 **NVL Project #:**

Dear Mr. Mizrahi:

Per Rainier Common's request, the following is a summary of the testing performed by NVL Laboratories, Inc. (NVL) on "house dust" collected from interior surfaces, during a joint sampling round with the EPA, following the active blasting portion of the Phase 1 work. Samples were collected and analyzed for PCBs and specific metals pursuant to the sampling plan documents referenced below.

Methods

Both the sample collection and analytical methods meeting EPA requirements and utilized for this sampling project are detailed in:

- Rainier Commons Building 10 and 11 Dust Sample Collection and Assessment Plan (November 11, 2014)
- QUALITY ASSURANCE PROJECT PLAN Rainier Commons Dust Sample Collection and Assessment (November 11, 2014)

Sample collection and laboratory analysis was performed at NVL Laboratories. Oversight was performed by a Certified Industrial Hygienist.

Chronology and Purpose of Sampling Events

1. November 12, 2014 Collected dust samples identified in November 11, 2014 Dust Sample Collection and Assessment Plan, along with additional

samples as requested by tenants or directed by EPA during

sampling on site. Analysis was for both PCBs and metals.

2. November 13, 2014 Collected additional dust samples from location identified by Unit

10-200's tenant. Sample location was identified by tenant after all planned sampling had concluded on November 12, 2014. All sampling team personnel had departed Unit 10-200 and NVL personnel had already departed the site, when the 10-200 tenant requested EPA to return to the unit, late in the day on November



12, 2014. Therefore, NVL sampling was conducted, at Rainier Commons' request, the following day. Dust was present behind a section of a whiteboard leaning against the west wall of building 10. This dust was not identified or observed during the official, scheduled interior sampling in Unit 10-200, which was performed on November 12, 2014. Samples for PCB analysis were collected both before and after cleaning of the surfaces.

3. December 19/20, 2014

For sample locations tested on November 12, 2014, where laboratory analysis indicated total PCB levels \geq 10 µg/100 cm², the surfaces were cleaned by Rainier Commons, and once cleaned, were resampled by NVL to evaluate and confirm the total PCB amount was reduced below this level.

Laboratory Results

Attached to this report is **Table 1: Polychlorinated Biphenyls (PCBs) & Metals SURFACE** "**WIPE**" **SAMPLES**, which summarizes the laboratory results for the samples that were initially collected per the sampling plan and QAPP, and as requested or directed by EPA on site November 12, 2014. It also includes and summarizes laboratory results for the follow up PCB testing done on November 13, 2014 where an area of visible dust was reported late in the day after all planned sampling was concluded, in the 10-200 space. These results are in the column that includes the title, "Initial".

Table 1 also includes the laboratory results for specific areas that were retested after being selected by Rainier Commons based on sample analysis results and cleaned following a cleaning protocol described in this report. These results are in the column that includes the title, "Post-Cleaning Sample".

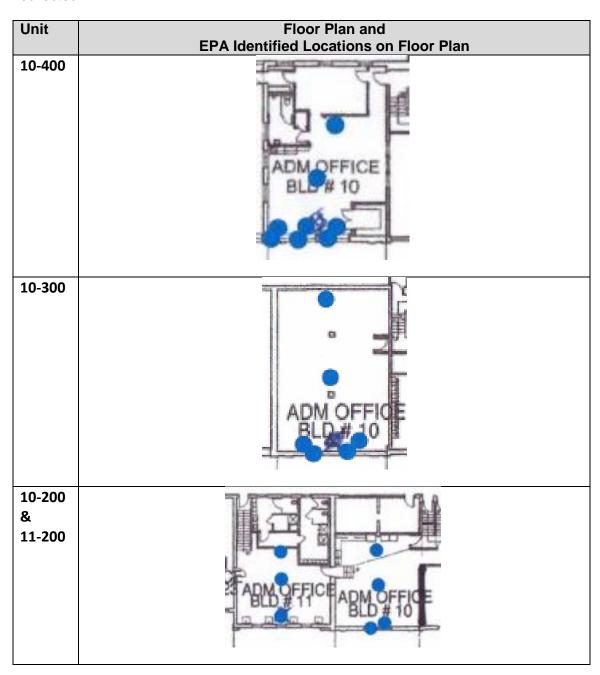
The report of an actual value in Table 1 for both PCBs and metals analysis is only included when the laboratory reported value was above the Reporting Limit (RL) for the analytical method. For samples where the analytical result was below the Reporting Limit, the RL value is indicated by using the symbol < (less than) followed by the actual RL value.

For Total Aroclors (PCB) the Reporting Limit (RL) for all wipe samples was specifically requested to be set at $0.05~\mu g/100~cm^2$. When Aroclor (PCBs) levels are above the Reporting Limit, the individual Aroclor concentrations are summed for the total PCB concentration which is reported in Table 1. The individual Aroclor concentrations that were summed for this total value are also indicated directly below it in the table in a smaller font.



Floor Plan

The following provides information regarding the sample locations for the areas tested. The blue dots indicate the initial areas on the unit floor plan where the EPA requested for samples to be collected.





Photographs

The following photographs provide visual information and examples about the testing conditions when samples were collected. Not all sample locations and conditions are here depicted:

#	Photograph	Notes
1	10-1400 · PCB-2	November 12, 2014 Dust Sample Collection per Assessment Plan Photograph, as an example of the method used to collect PCB wipe samples, shows a 100 centimeter square template on the surface of a window sill.
2	2011 PCL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	November 12, 2014 Dust Sample Collection per Assessment Plan Photograph, as an example of the method used to collect PCB wipe samples, shows two 100 centimeter square templates on floor surface to collect duplicate PCB wipe samples from adjacent surfaces.
3		November 12, 2014 Dust Sample Collection per Assessment Plan Photograph shows 0.25 square foot template being used on a window sill surface to collect metal wipe samples. When the 0.25 template was used, it was used in 4 separate and adjacent areas to have the total surface sampled using a single media wipe to equal 1 square foot.



4



November 13, 2014

Additional Collection of Dust Identified by Tenant After Close of Scheduled Sampling

Photograph of visible red dust observed along the west wall of the 10-200 space behind where a whiteboard was leaned against the wall.

A tape measure is shown to indicate scale.

5



November 13, 2014

Additional Collection of Dust Identified by Tenant After Close of Scheduled Sampling

The 100 centimeter square disposable paper template on the floor surface defines the sample collection area. The adjacent blue tape markings on the floor are areas that the EPA collected samples at on the previous day.

6



November 13, 2014

Cleaning of Surfaces Post Dust Sample Collection

Shown is Rainier Commons performing the cleaning protocol after an initial sample had been collected from the surface. Surfaces wipe washed with isopropyl alcohol using a clean cloth.



Cleaning and Post-clean Sampling of Surfaces

Surfaces were identified and cleaned by Rainier Commons after initial sample collection utilizing a surface cleaning protocol and then re-sampled by NVL to evaluate and confirm the total PCBs remaining were $\leq 10 \ \mu g/100 \ cm^2$ in the following instances:

- A. Sample locations tested on November 12, 2014, where Initial Total PCB analysis results exceeded 10 μ g/100 cm².
- B. Sample locations tested on November 13, 2014, specifically where visible dust was observed at the west side location of the 10-200 space.

Surface Cleaning Protocol

The surface cleaning protocol Rainier Commons developed and utilized consisted of a double wash rinse using both isopropyl alcohol and water is summarized as follows:

- 1. Initial step vacuuming of the surface with a HEPA filtered vacuum;
- 2. Followed by wiping clean the surface with a clean cloth wetted with isopropyl alcohol, which was then placed in a bag for proper disposal;
- 3. Followed by wiping clean the surface with a clean cloth wetted with clean tap water, which was then placed in a bag for proper disposal;
- 4. Followed by wiping clean the surface again with a clean cloth wetted with isopropyl alcohol, which was then placed in a bag for proper disposal;
- 5. Finally, followed by wiping clean the surface again with a clean cloth wetted with clean tap water, which was then placed in a bag for proper disposal.

Once the double wash rinse protocol was completed, the surfaces were then allowed to air dry prior to any sampling conducted by NVL to test for the presence of PCBs.

Discussion / Conclusion

Comparison of the pre and post cleaning test results, for surfaces that were cleaned using the double wash rinse protocol, demonstrates the cleaning protocol to be effective. PCB levels were always reduced by cleaning, and in all cases, post-cleaning levels were below 10 µg/100 cm².

Closing

This document is the sole property of NVL Laboratories and Rainier Commons, the building owner.

NVL appreciates the opportunity to provide the testing service to Rainier Commons and trust this report documenting the sample collection and results meets your needs as requested. Please



contact NVL if information is needed at any time regarding the information provided in this report.

Sincerely,

Sample Collection & Documentation:

Review & Project Management:

Marcus Gladden

Environmental Quality Technician

NVL Laboratories

Munaf Khan Project Manager

Laboratory Director / President

Sampling Oversight / Certified Industrial Hygienist:

David Leonard MSPH, CIH Technical Resource Expert

ATTACHMENTS:

- Table 1: Polychlorinated Biphenyls (PCBs) & Metals SURFACE "WIPE" SAMPLES
- NLV Laboratories, INC. Laboratory Reports:
 - o Polychlorinated Biphenyls (PCBs), SURFACE "WIPE"
 - Batch No: 1420311, 1420312, 1420313, 1420408, 1422605
 - o Metals, SURFACE "WIPE"
 - Batch No: 1420308, 1420309, 1420310

REFERENCED:

- Rainier Commons Building 10 and 11 Dust Sample Collection and Assessment Plan (November 11, 2014)
- QUALITY ASSURANCE PROJECT PLAN Rainier Commons Dust Sample Collection and Assessment (November 11, 2014)



SURFACE "WIPE" SAMPLES

Report of actual value in table, indicates reported value is above reporting limit. < and value indicates value is below reporting limit. > = "greater than" NA = Not Applicable NC = Not Collected. Minimum reporting limit for Total Aroclors = 0.050 ug/100 cm². * = post cleaning conducted and sample collected independent of pre-cleaning sample result.

Only Aroclors above reporting limit are indicated or summed in this table.

Building Location	PCB / Metals Sample	Sample Location	Initial Sample Total PCB Concentration (ug/100 cm²)	Post- Cleaning Sample [#] Total PCB Concentration (ug/100 cm ²)	Chrom- ium	Lead	Copper	Nickel	Zinc
	#s			# = Cleaning Conducted if Initial Concentration >10 ug/100 cm ²			ug / ft²		
10-400	10-400 PCB-1 & 10-400 M-1	South Window Sill Surface	1.01 (Aroclor 1254 = 0.43) (Aroclor 1260 = 0.58)	NA	5.3	<4.0	5.2	<4.0	740.0
	10-400 PCB-2 & 10-400 M-2	Middle Window Sill Surface	0.32 (Aroclor 1254 = 0.15) (Aroclor 1260 = 0.17)	NA	<4.0	320.0	4.5	<4.0	330.0
	10-400 PCB-3 & 10-400 M-3	North Window Sill Surface	0.4 (Aroclor 1254 = 0.19) (Aroclor 1260 = 0.21)	NA	<4.0	110.0	5.3	<4.0	980.0
	10-400 PCB-4 & 10-400 M-4 E-1219- 10-300	South Window Floor	56.0 (Aroclor 1254 = 26.0) (Aroclor 1260 = 30.0)	0.184 (Aroclor 1254 = 0.11) (Aroclor 1260 = 0.074)	<4.0	30.0	8.7	<4.0	76.0
	10-400 PCB-5 & 10-400 M-5	Middle Window Floor	0.5 (Aroclor 1254 = 0.23) (Aroclor 1260 = 0.27)	NA	<4.0	22.0	<4.0	<4.0	22.0
	10-400 PCB-6 & 10-400 M-6	North Window Floor	0.5 (Aroclor 1254 = 0.22) (Aroclor 1260 = 028)	NA	<4.0	<4.0	6.6	<4.0	99.0
	10-400 PCB-7 & 10-400 M-7	Projector	0.87 (Aroclor 1254 = 0.34) (Aroclor 1260 = 0.53)	NA	4.1	15.0	24.0	<4.0	120.0



SURFACE "WIPE" SAMPLES

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Only Aroclors above reporting limit are indicated or summed in this table.

Building Location	PCB / Metals Sample	Sample Location	Initial Sample Total PCB Concentration (ug/100 cm²)	Post- Cleaning Sample [#] Total PCB Concentration (ug/100 cm ²)	Chrom- ium	Lead	Copper	Nickel	Zinc
	#s			# = Cleaning Conducted if Initial Concentration >10 ug/100 cm ²			ug / ft²		
10-400	10-400 PCB-8 & 10-400 M-8	Kitchen Shelf	<0.05 No detectable levels of PCB Aroclors	NA	<4.0	7.3	23.0	<4.0	68.0
(cont.)	10-400 PCB-9 & 10-400 M-9	DUPLICATE South Window Floor	0.74 (Aroclor 1254 = 0.30) (Aroclor 1260 = 0.44)	NA	<4.0	37.0	7.1	<4.0	76.0
	10-400 PCB-10 & 10-400 M-10	Field Blank	<0.05 No detectable levels of PCB Aroclors	NA	<4.0	<4.0	<4.0	<4.0	<4.0
	10-400 PCB-11 & 10-400 M-11	Bust	1.62 (Aroclor 1254 = 0.70) (Aroclor 1260 = 0.92)	NA	14.0	190.0	56.0	<8.0* RL = 8.0 due to fact only 0.5 ft² surface area was sampled.	1700.0
10-300	10-300 PCB-1 & 10-300 M-1 B-1219- 10-300	South Window Sill Surface	13.4 (Aroclor 1254 = 5.9) (Aroclor 1260 = 7.5)	0.63 (Aroclor 1254 = 0.41) (Aroclor 1260 = 0.22)	6.0	99.0	10.0	<4.0	260.0
	10-300 PCB-2 & 10-300 M-2 C-1219- 10-300	North Window Sill Surface	21.798 (Aroclor 1016 = 0.098) (Aroclor 1254 = 9.7) (Aroclor 1260 = 12)	0.086 (Aroclor 1254 = 0.086)	15.0	<4.0	13.0	<4.0	800.0



SURFACE "WIPE" SAMPLES

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Only Aroclors above reporting limit are indicated or summed in this table.

Building Location	PCB / Metals Sample	Sample Location	Initial Sample Total PCB Concentration (ug/100 cm²)	Post- Cleaning Sample [#] Total PCB Concentration (ug/100 cm ²)	Chrom- ium	Lead	Copper	Nickel	Zinc
	#s			# = Cleaning Conducted if Initial Concentration >10 ug/100 cm ²			ug / ft²		
	10-300 PCB-3 & 10-300 M-3 D-1219- 10-300	South Window Floor	34.14 (Aroclor 1016 = 0.14) (Aroclor 1254 = 15.0) (Aroclor 1260 = 19.0)	0.12 (Aroclor 1254 = 0.12)	<4.0	25.0	<4.0	<4.0	100.0
10-300 (cont.)	10-300 PCB-4 & 10-300 M-4	North Window Floor	4.0 (Aroclor 1254 = 1.8) (Aroclor 1260 = 2.2)	NA	<4.0	16.0	<4.0	<4.0	75.0
	10-300 PCB-5 & 10-300 M-5	Top of Fridge	0.37 (Aroclor 1254 = 0.19) (Aroclor 1260 = 0.18)	NA	<4.0	5.6	10.0	<4.0	21.0
	10-300 PCB-6 & 10-300 M-6	Top of Hot Water Cabinet	0.32 (Aroclor 1254 = 0.13) (Aroclor 1260 = 0.19)	NA	9.0	12.0	6.8	<4.0	150.0
	10-300 PCB-7 & 10-300 M-7	Top of Hot Water Cabinet	0.198 (Aroclor 1254 = 0.078) (Aroclor 1260 = 0.12)	NA	6.4	<4.0	<4.0	<4.0	78.0
	10-300 PCB-8 & 10-300 M-8	Field Blank	<0.05 No detectable levels of PCB Aroclors	NA	<4.0	<4.0	<4.0	<4.0	<4.0
10-200	10-200 PCB-1 & 10-200 M-1 A-1219- 10-200	Floor in front of window	17.8 (Aroclor 1254 = 9.2) (Aroclor 1260 = 8.6)	2.4 (Aroclor 1254 = 1.3) (Aroclor 1260 = 1.1)	17.0	26.0	17.0	<4.0	180.0



SURFACE "WIPE" SAMPLES

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Only Aroclors above reporting limit are indicated or summed in this table.

Building Location	PCB / Metals Sample #s	Sample Location	Initial Sample Total PCB Concentration (ug/100 cm²)	Post- Cleaning Sample* Total PCB Concentration (ug/100 cm²) ** = Cleaning	Chrom- ium	Lead	Copper	Nickel	Zinc
				Conducted if Initial Concentration >10 ug/100 cm ²			ug / ft²		
	10-200 PCB-2 & 10-200	Top of Table near Window	0.274 (Aroclor 1254 = 0.064)	NA	<4.0	4.0	<4.0	<4.0	14.0
	M-2 10-200 PCB-3 & 10-200 M-3	Top of black Shelving	(Aroclor 1260 = 0.21) 0.208 (Aroclor 1254 = 0.078) (Aroclor 1260 = 0.13)	NA	<4.0	<4.0	<4.0	<4.0	<4.0
	10-200 PCB-4 & 10-200 M-4	Top of Fridge	0.34 (Aroclor 1254 = 0.14) (Aroclor 1260 = 0.20)	NA	<4.0	<4.0	4.3	<4.0	<4.0
10-200 (cont.)	10-200 PCB-5 & 10-200 M-5	Floor below fridge	0.29 (Aroclor 1254 = 0.15) (Aroclor 1260 = 0.14)	NA	11.0	<4.0	37.0	<4.0	430.0
	10-200 PCB-6 & 10-200 M-6	DUPLICATE Floor below fridge	6.6 (Aroclor 1254 = 3.5) (Aroclor 1260 = 3.1)	NA	8.8	36.0	26.0	<4.0	320.0
	10-200 PCB-7 & 10-200 M-7	Field Blank	<0.05 No detectable levels of PCB Aroclors	NA	<4.0	<4.0	<4.0	<4.0	<4.0
	111314- PCB-1, 111314- PCB-3	Floor under Whiteboard On West Wall, North	5.4 (Aroclor 1254 = 3.1) (Aroclor 1260 = 2.3)	.22* (Aroclor 1254 = 0.11) (Aroclor 1260 = 0.11)	NC	NC	NC	NC	NC
	111314- PCB-2, 111314- PCB-4	Floor Under Whiteboard On West Wall, South	5.9 (Aroclor 1254 = 2.7) (Aroclor 1260 = 3.2)	1.03* (Aroclor 1254 = 0.52) (Aroclor 1260 = 0.51)	NC	NC	NC	NC	NC



SURFACE "WIPE" SAMPLES

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Only Aroclors above reporting limit are indicated or summed in this table.

Building Location	PCB / Metals Sample #s	Sample Location	Initial Sample Total PCB Concentration (ug/100 cm²)	Post- Cleaning Sample* Total PCB Concentration (ug/100 cm²) * = Cleaning	Chrom- ium	Lead	Copper	Nickel	Zinc
	,,,			Conducted if Initial Concentration >10 ug/100 cm ²			ug / ft²		
	11-200 PCB-1 & 11-200 M-1	Floor in Front of S Window	0.128 (Aroclor 1254 = 0.060) (Aroclor 1260 = 0.068)	NA	<4.0	30.0	4.4	<4.0	150.0
11-200	11-200 PCB-2 & 11-200 M-2	Floor in Front of N Window	<0.05 No detectable levels of PCB Aroclors	NA	<4.0	14.0	5.0	<4.0	75.0
	11-200 PCB-3 & 11-200 M-3	Top of Steam Duct	0.3 (Aroclor 1254 = 0.15) (Aroclor 1260 = 0.15)	NA	<4.0	<4.0	13.0	<4.0	370.0
	11-200 PCB-4 & 11-200 M-4	Top of W Acoustic Wall	0.71 (Aroclor 1254 = 0.24) (Aroclor 1260 = 0.47)	NA	47.0	<4.0	<4.0	<4.0	780.0
	11-200 PCB-5 & 11-200 M-5	White Chair	0.134 (Aroclor 1254 = 0.070) (Aroclor 1260 = 0.064)	NA	<8.0* RL = 8.0 due to fact only 0.5 ft² surface area was sampled.	16.0	<8.0* RL = 8.0 due to fact only 0.5 ft ² surface area was sampled.	<8.0* RL = 8.0 due to fact only 0.5 ft² surface area was sampled.	<8.0* RL = 8.0 due to fact only 0.5 ft ² surface area was sampled.
	11-200 PCB-6 & 11-200 M-6	DUPLICATE Floor in Front of S Window	0.114 (Aroclor 1254 = 0.056) (Aroclor 1260 = 0.058)	NA	<4.0	32.0	5.0	<4.0	160.0
	11-200 PCB-7 & 11-200 M-7 F-1219- 10-FB	Field Blank	<0.05 No detectable levels of PCB Aroclors	<0.05 No detectable levels of PCB Aroclors	<4.0	<4.0	<4.0	<4.0	<4.0

December 4, 2014



Munaf Khan NVL Field Services Division 4708 Aurora Avenue North Seattle, WA 98103

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RE: Metals Analysis by EPA Method 3051/6010C Polychlorinated Biphenyls (PCB's) by EPA Method 8082

Project Name/Number: 2012-494

Project Location: 3100 Airport Way South, Seattle, WA 98134

Received Date: 11/12/2014

Dear Mr. Khan,

Enclosed please find test results for sample submitted to our laboratory for analysis. Preparation of these samples were conducted using EPA SW-846 Methods as indicated above.

The content of this report consists of the following:

- Case Narrative & Definition of Data Qualifiers
- Analytical Test Results
- Applicable QC Summary
- Client Chain -of-Custody (CoC)

This report package contains a total of 75 pages of analytical test results along with client CoC and other related documents. The report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client will be discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance, please contact us at 206-547-0100 or 1-888-NVLLABS if there is anything further we can assist you with.

Sincerely,

Nick Ly, Technical Director



Case Narrative:

The following summarizes samples received on date as shown on the accompanied cover letter by NVL Laboratories, Inc. from NVL Field Services Division for Project No. 2012-494. Samples were logged in for Metals and PCB analyses per client request using both client sample ID's and laboratory assigned ID's as listed on the enclosed Chain-of-Custody (CoC). All samples as received were processed and analyzed within specified turnaround time without any abnormalities and deviations that may affect the analytical results. All quality control requirements were acceptable unless stated otherwise. The conditions of all samples were acceptable at time of receipt and all samples submitted with this batch were analyzed unless stated otherwise on the CoC.

Test results are reported based on microgram per wipe and microgram per square foot for metals samples; microgram per 100 cm2 for PCB samples as shown on the analytical reports.



Definition Appendix

Terms

% Rec	Percent recovery.
<	Below Reporting Limit(RL) or Limit of Quantitation(LoQ) of the instrument.
В	Blank contamination. The recorded results is associated with a contaminated blank.
DF	Dilution Factor
J	The reported concentration is an estimated value because something may be present in the sample that interfered with the analysis.
J1	The reported concentration is an estimated value because the laboratory control sample (LCS) is out of control limits.
J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
LCS	Laboratory Control Sample.
Limits	The upper and lower control limits for spike recoveries.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology
РРМ	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.



Definition Appendix

Terms

R The data are not reliable due to possible contamination or loss of

material during preparation or analysis. Re-sampling and reanalysis

are necessary for verification.

RL Reporting Limit. The minimum concentration that can be quantified

under routine operating conditions.

RPD Relative Percent Difference. The relative difference between

duplicate results(matrix spike, blank spike, or samples duplicate)

expressed as a percentage.

RPD Limit The maximum RPD allowed for a set of duplicate

measurements(see RPD).

SMI Surrogate has matrix interference.

Spike Conc. The measured concentration, in sample basis units, of a spiked

sample.

SURR-ND Surrogate was not detected due to matrix interference or dilution.

ug/m3 Micrograms per cubic meter.

ug/mL Micrograms per milliliter

ug Microgram

ug/100cm2 Micrograms per 100 square centimeters

METAL LABORATORY SERVICES



Company NVL Field Services Division

Address 4708 Aurora Ave. N.

Seattle, WA 98103

Project Manager Mr. Marcus Gladden

Phone (206) 547-0100 cell (206) 981-9421 3

1420308.00 **NVL Batch Number**

TAT 5 Days

AH No

Rush TAT

Due Date 11/19/2014 Time

4:30 PM

Email marcus.g@nvllabs.com

Fax (206) 634-1936

Project Location: 3100 Airport Way South Seattle, WA 98134 Project Name/Number: 2012-494

Subcategory Inductively Coupled Plasma (ICP) - Group Tests

Item Code ICP-M4

EPA 6010B <wipe>

Metals Chromium (Cr), Lead (Pb), Zinc (Zn), Copper (Cu), Nickel (Ni)

Total	Numbe	r of C	mnlae	15
lotai	Numbe	:r or 5a	mpies	

Rush Samples _____

	Lab ID	Sample ID	Description		A/R
1	14139995	10-400-M-1			Α
2	14139996	10-400-M-2	,		Α
3	14139997	10-400-M-3			A
4	14139998	10-400-M-4	· · · · · · · · · · · · · · · · · · ·		A
5	14139999	10-400-M-5			Α.
: 6	14140000	10-400-M-6	management and the second of t		Α
1	14140001	10-400-M-7	······································	e e e e	. A
8	14140002	10-400-M-8	a Parkanan da Baranan	** ***	Α.
9	14140003	10-400-M-9			
10	14140004	10-400-M-10		/	Α
11	14140005	10-400-M-11	e marchael e a company de la c		
12	14140006	10-300-M-1	·		Α
13	14140007	10-300-M-2	· · · · ·	× -	Α.
14	14140008	10-300-M-3	· · · · · · · · · · · · · · · · · · ·	and the state of t	γΩ Α
15	14140009	10-300-M-4			, ?

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client		•		
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	11/12/14	1630
Analyzed by	Shalini Patel		NVL	11/18/14	•
Results Called by					
Faxed Emaile	1				
Special Instructions:					

Entered By: Midori Koike

Date: 11/12/2014

Time: 5:29 PM

1 of 1

METAL LABORATORY SERVICES



Company NVL Field Services Division

Address 4708 Aurora Ave. N.

Seattle, WA 98103

Project Manager Mr. Marcus Gladden

Phone (206) 547-0100 cell (206) 981-9421 3

1420309.00 NVL Batch Number

TAT 5 Days

AH No

Rush TAT

Due Date 11/19/2014 Time

4:30 PM

Email marcus.g@nvllabs.com

Fax (206) 634-1936

Project Name/Number: 2012-494

Project Location: 3100 Airport Way South Seattle, WA 98134

Subcategory Inductively Coupled Plasma (ICP) - Group Tests

Item Code ICP-M4

EPA 6010B <wipe>

Metals Chromium (Cr), Lead (Pb), Nickel (Ni), Zinc (Zn), Copper (Cu)

Total Number of Samples _	<u> 15</u>	
---------------------------	------------	--

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	14140010	10-300-M-5		Α.
2	14140011	10-300-M-6		Α
` з	14140012	10-300-M-7	A company of the second of the	Α
4	14140013	10-300-M-8		Α
5	14140014	10-200-M-1		A
. 6	14140015	10-200-M-2		A
7		10-200-M-3	de la companya de la La companya de la co	, /\ A
. 8	14140017	10-200-M-4	The state of the s	Δ
, 9	14140018	10-200-M-5	erement of the control of the contro	Λ
1	14140019	10-200-M-6	And the second of the second o	. A .
11	14140020	10-200-M-7	the state of the s	<u>A</u>
A	Appropriate to the second of the second	- promotes temmo construencial above	We want to the second of the s	A
4 1000	14140021	11-200-M-1	the control of the co	Α
13	14140022	11-200-M-2	en e	<u>A</u> .
14	14140023	11-200-M-3	en e	Α
15	14140024	11-200-M-4		Α

	Print Name	Signature	Company	Date Time
Sampled by	Client			• • • • • • • • • • • • • • • • • • • •
Relinquished by	Client		• • •	• •
Office Use Only	Print Name	Signature	Company	Date Time
Received by	Fatima Khan		NVL	11/12/14 1630
Analyzed by	Shalini Patel		NVL	11/18/14
Results Called by			•	
Faved Emailed	4			•

Special Instructions:

Entered By: Midori Koike

Date: 11/12/2014

Time: 5:35 PM

1 of 1

METAL LABORATORY SERVICES



Company NVL Field Services Division

Address 4708 Aurora Ave. N.

Seattle, WA 98103

Project Manager Mr. Marcus Gladden

Phone (206) 547-0100 cell (206) 981-9421 3 NVL Batch Number 1420310.00

TAT 5 Days

Rush TAT

AH No

Due Date 11/19/2014 Time 4:30 PM

Email marcus.g@nvllabs.com

Fax (206) 634-1936

Project Name/Number: 2012-494 Project Location: 3100 Airport Way South Seattle, WA 98134

Subcategory Inductively Coupled Plasma (ICP) - Group Tests

Item Code ICP-M4

EPA 6010B <wipe>

Metals Chromium (Cr), Copper (Cu), Lead (Pb), Nickel (Ni), Zinc (Zn)

Total Number of Samples ____3___

Rush Samples

	Lab ID	Sample ID	Description			A/R
1	14140025	11-200-M-5			••	Α
2	14140026	11-200-M-6	· · · · · · · · · · · · · · · · · · ·		•	Α
3	14140027	11-200-M-7	,	 **** *	an account see the first of	Α

	Print Name	Signature	 Company	Date	Time
Sampled by	Client			•	
Relinquished by	Client		•		
Office Use Only	Print Name	Signature	 Company	Date	Time
Received by	Fatima Khan		 NVL	11/12/14	1630
Analyzed by	Shalini Patel		NVL	11/18/14	4
Results Called by					
Faxed Emailed	1		 		•
Special	<u></u>		 		

Instructions:

Entered By: Midori Koike

Date: 11/12/2014

Time: 5:39 PM

1 of 1

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Company NVL Field Services Division

Address 4708 Aurora Ave. N.

Seattle, WA 98103.

Project Manager Mr. Marcus Gladden

Phone (206) 547-0100 cell (206) 981-9421 3

Total Number of Samples 15

10-300-PCB-2

10-300-PCB-3

10-300-PCB-4

NVL Batch Number 1420311.00

TAT 5 Days

AH No

Rush Samples

Rush TAT

Due Date

11/19/2014 Time

4:30 PM

Email marcus.g@nvllabs.com

Fax (206) 634-1936

Project Name/Number: 2012-494 Project Location: 3100 Airport Way South Seattle, WA 98134

Subcategory Quantitative analysis

Item Code ORG-03

8082 PCB Aroclors <Wipe>

	Lab ID	Sample ID	Description	A/F
1	14140028	10-400-PCB-1		· A
2	14140029	10-400-PCB-2		Α
3	14140030	10-400-PCB-3		Α
4	14140031	10-400-PCB-4	***	A
5	14140032	10-400-PCB-5	e de la companya del companya de la companya del companya de la co	
6	14140033	10-400-PCB-6		Α
7	14140034	10-400-PCB-7		Α
8	14140035	10-400-PCB-8	,	· A
9	14140036	10-400-PCB-9	A contract of the contract of	A
10	14140037	10-400-PCB-10	The second se	Α
11	14140038	10-400-PCB-11	make a control of the	A
12	14140039	10-300-PCB-1		

	Print Name	Signature	Company	Date Time	
Sampled by	Client			· · · · · ·	
Relinquished by	Client				
Office Use Only	Print Name	Signature	Company	Date Time	
Received by	Fatima Khan		NVL	11/12/14 1630	•
Analyzed by	Shalini Patel		NVL	11/17/14	
Results Called by				•	
Faxed Emaile		•		(1.1 mm mm ,	

Special Instructions:

13 14140040

14 14140041

15 14140042

Entered By: Midori Koike

Date: 11/12/2014

Time: 5:41 PM

1 of 1

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Company NVL Field Services Division

Address 4708 Aurora Ave. N.

Seattle, WA 98103

Project Manager Mr. Marcus Gladden

Phone (206) 547-0100 cell (206) 981-9421 3

NVL Batch Number 1420312.00

TAT 5 Davs

AH No

Rush TAT

Due Date 11/1

11/19/2014 Time

4:30 PM

Email marcus.g@nvllabs.com

Fax (206) 634-1936

Project Name/Number: 2012-494 Project Location: 3100 Airport Way South Seattle, WA 98134

Subcategory Quantitative analysis

Item Code ORG-03

8082 PCB Aroclors <Wipe>

То	tal Numbe	er of Samples	15 Rush Samples	
	Lab ID	Sample ID	Description	A/R
1	14140043	10-300-PCB-5		Α
2	14140044	10-300-PCB-6		Α
3	14140045	10-300-PCB-7		Α .
4	14140046	10-300-PCB-8	and Message the control of the contr	, A
5	14140047	10-200-PCB-1	Anna Anna A	, A
6	14140048	10-200-PCB-2	ARTICLE CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONT	Α
7	14140049	10-200-PCB-3		Α
. 8	14140050	10-200-PCB-4	the state of the s	A
9	14140051	10-200-PCB-5	and the second of the second o	Α
10	14140052	10-200-PCB-6	en de la companya de La companya de la co	Α
11	14140053	10-200-PCB-7	and the second of the second o	Α
12	14140054	11-200-PCB-1	en de la companya de La companya de la co	A
13	14140055	11-200-PCB-2	and the second of the second o	Α
14	14140056	11-200-PCB-3	· · · · · · · · · · · · · · · · · · ·	Α
15	14140057	11-200-PCB-4		Α

	Print Name	Signature	Company	Date	Time
Sampled by	Client		· · · · · · · · · · · · · · · · · · ·		
Relinquished by	Client				
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	11/12/14	1630
Analyzed by	Evelvn Ahulu		NVL	11/17/14	
Results Called by	:				
Faxed Emaile	d .	·			
Special Instructions:					

Entered By: Midori Koike

Date: 11/12/2014

Time: 5:43 PM

1 of 1



Company NVL Field Services Division

Address 4708 Aurora Ave. N.

Seattle, WA 98103

Project Manager Mr. Marcus Gladden

Phone (206) 547-0100 cell (206) 981-9421 3

1420313.00 NVL Batch Number

TAT 5 Days

AH No

Rush TAT

Due Date

11/19/2014 Time

4:30 PM ...

Email marcus.g@nvllabs.com

Fax (206) 634-1936

Project Location: 3100 Airport Way South Seattle, WA 98134 Project Name/Number: 2012-494

Subcategory Quantitative analysis

Item Code ORG-03

8082 PCB Aroclors <Wipe>

To	tal Numbe	er of Samples	3	Rush Samples
	Lab ID	Sample ID	Description	A/R
_ 1	14140058	11-200-PCB-5		· A
2	14140059	11-200-PCB-6		A
3	14140060	11-200-PCB-7	•	A

	Print Name	Signature	Company		Time
Sampled by	Client				
Relinquished by	Client				
Office Use Only	Print Name	Signature	Company	Date T	ime
Received by	Fatima Khan		NVL	11/12/14 1630	+
Analyzed by	Shalini Patel		NVL	11/17/14	
Results Called by			·	• • • • • • • • • • • • • • • • • • • •	
Faxed Emailed	i	,			
Special	<u>, i </u>			222	

instructions:

Entered By: Midori Koike

Date: 11/12/2014

Time: 5:47 PM



Company NVL Field Services Division

Address 4708 Aurora Ave. N.

Seattle, WA 98103

Project Manager Mr. Marcus Gladden

Phone (206) 547-0100 cell (206) 981-9421 3

1420408.00 **NVL Batch Number**

TAT 5 Days

Rush TAT Due Date

11/20/2014 Time

3:15 PM

AH No

Email marcus.g@nvllabs.com

Fax (206) 634-1936

Project Name/Number: 2012-494 Project Location: 3100 Airport Way South Seattle, WA 98134

Subcategory Quantitative analysis

Item Code ORG-03

8082 PCB Arocfors <Wipe>

То	tal Numbe	er of Samples		Rush Samples	
	Lab ID	Sample ID	Description	:	A/R
1	14140583	111314-PCB-1		······································	Α
2	14140584	111314-PCB-2		 · · · · · · · · · · · · · · · · · · ·	Α
3	14140585	111314-PCB-3			Α
4	14140586	111314-PCB-4			Α
5	14140587	111314-PCB-5		 en et au au au au au	Α

	Print Name	Signature	Company	Date Tim	ıe
Sampled by	Client				
Relinquished by	Client	,		******	
Office Use Only	Print Name	Signature	Company	Date Tim	e
Received by	Midori Koike	•	NVL	11/13/14 1515	
Analyzed by	Shalini Patel		NVL	11/19/14	
Results Called by	:			• • • • • • • •	
Faxed Emailed		* • • • • • • • • • • • • • • • • • • •	•		

Special see Clients COC for Special Instructions Instructions:

Entered By: Midori Koike

Date: 11/13/2014

Time: 6:13 PM

1 of 1

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Analysis Report

Total Metals

Client: NVL Field Services Division

Address: 4708 Aurora Ave. N.

Seattle, WA 98103

Attention: Mr. Marcus Gladden

Project Location: 3100 Airport Way South Seattle, WA 98134

Batch #: 1420308.00

Matrix: Wipe

Method: EPA 3051/6010C

Client Project #: 2012-494

Date Received: 11/12/2014

Samples Received: 15

Samples Analyzed: 15

Lab ID	Client Sample #	Elements	Sample Sq ft	RL in ug / sq ft	Results in ug / wipe	Results ir ug / sq fl
14139995	10-400-M-1	Chromium (Cr)	1.00	4.0	5.3	5.3
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	5.2	5.2
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	740.0	740.0
14139996	10-400-M-2	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	320.0	320.0
		Copper (Cu)	1.00	4.0	4.5	4.5
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	330.0	330.0
14139997	10-400-M-3	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	110.0	110.0
		Copper (Cu)	1.00	4.0	5.3	5.3
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	980.0	980.0
14139998	10-400-M-4	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	30.0	30.0
		Copper (Cu)	1.00	4.0	8.7	8.7
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	76.0	76.0
14139999	10-400-M-5	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	22.0	22.0
		Copper (Cu)	1.00	4.0	< 4.0	< 4.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	22.0	22.0

Sampled by: Client

Analyzed by: Shalini Patel

ug / wipe = Micrograms per wipe

ug/ sq. ft. =Micrograms per square foot

Reviewed by: Nick Ly

Date Analyzed: 11/18/2014

Date Issued: 11/18/2014

Nick Ly, Technical Director RL = Reporting Limit

'<' = Below the reporting Limit

Note: Method QC results are acceptable unless stated otherwise. Concentration (ug/ft²) not reported if sample area is zero. Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 34-1114-2 Page 1 of 3

4708 Aurora Ave N. Seattle, WA 98103

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Analysis Report Total Metals

Client: NVL Field Services Division

Address: 4708 Aurora Ave. N.

Seattle, WA 98103

Attention: Mr. Marcus Gladden

Project Location: 3100 Airport Way South Seattle, WA 98134

Batch #: 1420308.00

Matrix: Wipe

Method: EPA 3051/6010C Client Project #: 2012-494

Date Received: 11/12/2014

Samples Received: 15

Samples Analyzed: 15

Lab ID	Client Sample #	Elements	Sample Sq ft	RL in ug / sq ft	Results in ug / wipe	Results in ug / sq ft
14140000	10-400-M-6	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	6.6	6.6
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	99.0	99.0
14140001	10-400-M-7	Chromium (Cr)	1.00	4.0	4.1	4.1
		Lead (Pb)	1.00	4.0	15.0	15.0
		Copper (Cu)	1.00	4.0	24.0	24.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	120.0	120.0
14140002	10-400-M-8	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	7.3	7.3
		Copper (Cu)	1.00	4.0	23.0	23.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	68.0	68.0
14140003	10-400-M-9	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	37.0	37.0
		Copper (Cu)	1.00	4.0	7.1	7.1
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	76.0	76.0
14140004	10-400-M-10	Chromium (Cr)	0.00		< 4.0	
		Lead (Pb)	0.00		< 4.0	
		Copper (Cu)	0.00		< 4.0	
		Nickel (Ni)	0.00		< 4.0	
		Zinc (Zn)	0.00		< 4.0	

Sampled by: Client

Analyzed by: Shalini Patel Reviewed by: Nick Ly

Date Analyzed: 11/18/2014

Date Issued: 11/18/2014

ug/ sq. ft. =Micrograms per square foot

ug / wipe = Micrograms per wipe

RL = Reporting Limit

Wick Ly, Technical Director

'<' = Below the reporting Limit

Note: Method QC results are acceptable unless stated otherwise. Concentration (ug/ft²) not reported if sample area is zero. Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 34-1114-2

4708 Aurora Ave N. Seattle, WA 98103

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Analysis Report Total Metals

Client: NVL Field Services Division

Address: 4708 Aurora Ave. N.

Seattle, WA 98103

Attention: Mr. Marcus Gladden

Project Location: 3100 Airport Way South Seattle, WA 98134

Batch #: 1420308.00

Matrix: Wipe

Method: EPA 3051/6010C Client Project #: 2012-494

Date Received: 11/12/2014 Samples Received: 15

Samples Analyzed: 15

Lab ID	Client Sample #	Elements	Sample Sq ft	RL in ug / sq ft	Results in ug / wipe	Results ir ug / sq ft
14140005	10-400-M-11	Chromium (Cr)	0.50	8.0	6.8	14.0
		Lead (Pb)	0.50	8.0	94.0	190.0
		Copper (Cu)	0.50	8.0	28.0	56.0
		Nickel (Ni)	0.50	8.0	< 4.0	< 8.0
		Zinc (Zn)	0.50	8.0	830.0	1700.0
14140006	10-300-M-1	Chromium (Cr)	1.00	4.0	6.0	6.0
		Lead (Pb)	1.00	4.0	99.0	99.0
		Copper (Cu)	1.00	4.0	10.0	10.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	260.0	260.0
14140007	10-300-M-2	Chromium (Cr)	1.00	4.0	15.0	15.0
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	13.0	13.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	0.008	800.0
14140008	10-300-M-3	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	25.0	25.0
		Copper (Cu)	1.00	4.0	< 4.0	< 4.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	100.0	100.0
14140009	10-300-M-4	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	16.0	16.0
		Copper (Cu)	1.00	4.0	< 4.0	< 4.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	75.0	75.0

Sampled by: Client

Analyzed by: Shalini Patel

Reviewed by: Nick Ly

Date Analyzed: 11/18/2014

Date Issued: 11/18/2014

ug/ sq. ft. =Micrograms per square foot ug / wipe = Micrograms per wipe

RL = Reporting Limit

'<' = Below the reporting Limit

Fechnical Director

Note: Method QC results are acceptable unless stated otherwise. Concentration (ug/ft 2) not reported if sample area is zero. Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 34-1114-2

Page 3 of 3



Analysis Report Total Metals

Client: NVL Field Services Division

Address: 4708 Aurora Ave. N.

Seattle, WA 98103

Attention: Mr. Marcus Gladden

Project Location: 3100 Airport Way South Seattle, WA 98134

Batch #: 1420309.00

Matrix: Wipe

Method: EPA 3051/6010C

Client Project #: 2012-494 Date Received: 11/12/2014

Samples Received: 15

Samples Analyzed: 15

Lab ID	Client Sample #	Elements	Sample Sq ft	RL in ug / sq ft	Results in ug / wipe	Results in ug / sq ft
14140010	10-300-M-5	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	5.6	5.6
		Copper (Cu)	1.00	4.0	10.0	10.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	21.0	21.0
14140011	10-300-M-6	Chromium (Cr)	1.00	4.0	9.0	9.0
		Lead (Pb)	1.00	4.0	12.0	12.0
		Copper (Cu)	1.00	4.0	6.8	6.8
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	150.0	150.0
14140012	10-300-M-7	Chromium (Cr)	1.00	4.0	6.4	6.4
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	< 4.0	< 4.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	78.0	78.0
14140013	10-300-M-8	Chromium (Cr)	0.00		< 4.0	
		Lead (Pb)	0.00		< 4.0	
		Copper (Cu)	0.00		< 4.0	
		Nickel (Ni)	0.00		< 4.0	
		Zinc (Zn)	0.00		< 4.0	
14140014	10-200-M-1	Chromium (Cr)	1.00	4.0	17.0	17.0
		Lead (Pb)	1.00	4.0	26.0	26.0
		Copper (Cu)	1.00	4.0	17.0	17.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	180.0	180.0

Sampled by: Client

Analyzed by: Shalini Patel

ug/ sq. ft. =Micrograms per square foot

Reviewed by: Nick Ly

ug / wipe = Micrograms per wipe

Date Analyzed: 11/18/2014 Date Issued: 11/18/2014

Wick Ly, Technical Director RL = Reporting Limit

'<' = Below the reporting Limit

Note: Method QC results are acceptable unless stated otherwise. Concentration (ug/ft²) not reported if sample area is zero. Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 34-1114-3

Page 1 of 3

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Analysis Report Total Metals

Client: NVL Field Services Division

Address: 4708 Aurora Ave. N.

Seattle, WA 98103

Attention: Mr. Marcus Gladden

Project Location: 3100 Airport Way South Seattle, WA 98134

Batch #: 1420309.00

Matrix: Wipe

Method: EPA 3051/6010C

Client Project #: 2012-494

Date Received: 11/12/2014

Samples Received: 15

Samples Analyzed: 15

Lab ID	Client Sample #	Elements	Sample Sq ft	RL in ug / sq ft	Results in ug / wipe	Results in ug / sq ft
14140015	10-200-M-2	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	4.0	4.0
		Copper (Cu)	1.00	4.0	< 4.0	< 4.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	14.0	14.0
14140016	10-200-M-3	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	< 4.0	< 4.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	< 4.0	< 4.0
14140017	10-200-M-4	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	4.3	4.3
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	< 4.0	< 4.0
14140018	10-200-M-5	Chromium (Cr)	1.00	4.0	11.0	11.0
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	37.0	37.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	430.0	430.0
14140019	10-200-M-6	Chromium (Cr)	1.00	4.0	8.8	8.8
		Lead (Pb)	1.00	4.0	36.0	36.0
		Copper (Cu)	1.00	4.0	26.0	26.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	320.0	320.0

Sampled by: Client

Analyzed by: Shalini Patel

Reviewed by: Nick Ly

Date Analyzed: 11/18/2014

ug/ sq. ft. =Micrograms per square foot ug / wipe = Micrograms per wipe

Date Issued: 11/18/2014

RL = Reporting Limit

'<' = Below the reporting Limit

Note: Method QC results are acceptable unless stated otherwise. Concentration (ug/ft²) not reported if sample area is zero. Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 34-1114-3

- Below the reporting Limit

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Analysis Report

Total Metals

Client: NVL Field Services Division

Address: 4708 Aurora Ave. N.

Seattle, WA 98103

Attention: Mr. Marcus Gladden

Project Location: 3100 Airport Way South Seattle, WA 98134

Batch #: 1420309.00

Matrix: Wipe

Method: EPA 3051/6010C

Client Project #: 2012-494

Date Received: 11/12/2014

Samples Received: 15

Samples Analyzed: 15

Lab ID	Client Sample #	Elements	Sample Sq ft	RL in ug / sq ft	Results in ug / wipe	Results in ug / sq ft
14140020	10-200-M-7	Chromium (Cr)	0.00		< 4.0	
		Lead (Pb)	0.00		< 4.0	
		Copper (Cu)	0.00		< 4.0	
		Nickel (Ni)	0.00		< 4.0	
		Zinc (Zn)	0.00		< 4.0	
14140021	11-200-M-1	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	30.0	30.0
		Copper (Cu)	1.00	4.0	4.4	4.4
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	150.0	150.0
14140022	11-200-M-2	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	14.0	14.0
		Copper (Cu)	1.00	4.0	5.0	5.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	75.0	75.0
14140023	11-200-M-3	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	13.0	13.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	370.0	370.0
14140024	11-200-M-4	Chromium (Cr)	1.00	4.0	47.0	47.0
		Lead (Pb)	1.00	4.0	< 4.0	< 4.0
		Copper (Cu)	1.00	4.0	< 4.0	< 4.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	780.0	780.0

Sampled by: Client

Analyzed by: Shalini Patel

Reviewed by: Nick Ly

Date Analyzed: 11/18/2014

Date Issued: 11/18/2014

ug/ sq. ft. =Micrograms per square foot

ug / wipe = Micrograms per wipe

RL = Reporting Limit

Mick Ly, Technical Director

'<' = Below the reporting Limit

Note: Method QC results are acceptable unless stated otherwise. Concentration (ug/ft²) not reported if sample area is zero. Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 34-1114-3

Page 3 of 3



Analysis Report Total Metals

Client: NVL Field Services Division

Address: 4708 Aurora Ave. N.

Seattle, WA 98103

Attention: Mr. Marcus Gladden

Project Location: 3100 Airport Way South Seattle, WA 98134

Batch #: 1420310.00

Matrix: Wipe

Method: EPA 3051/6010C Client Project #: 2012-494

Date Received: 11/12/2014

Samples Received: 3

Samples Analyzed: 3

Lab ID	Client Sample #	Elements	Sample Sq ft	RL in ug / sq ft	Results in ug / wipe	Results in ug / sq ft
14140025	11-200-M-5	Chromium (Cr)	0.50	8.0	< 4.0	< 8.0
		Lead (Pb)	0.50	8.0	7.9	16.0
		Copper (Cu)	0.50	8.0	< 4.0	< 8.0
		Nickel (Ni)	0.50	8.0	< 4.0	< 8.0
		Zinc (Zn)	0.50	8.0	< 4.0	< 8.0
14140026	11-200-M-6	Chromium (Cr)	1.00	4.0	< 4.0	< 4.0
		Lead (Pb)	1.00	4.0	32.0	32.0
		Copper (Cu)	1.00	4.0	5.0	5.0
		Nickel (Ni)	1.00	4.0	< 4.0	< 4.0
		Zinc (Zn)	1.00	4.0	160.0	160.0
14140027	11-200-M-7	Chromium (Cr)	0.00		< 4.0	
		Lead (Pb)	0.00		< 4.0	
		Copper (Cu)	0.00		< 4.0	
		Nickel (Ni)	0.00		< 4.0	
		Zinc (Zn)	0.00		< 4.0	

Sampled by: Client

Analyzed by: Shalini Patel

Reviewed by: Nick Ly

Date Analyzed: 11/18/2014

Date Issued: 11/18/2014

ug/ sq. ft. =Micrograms per square foot

ug / wipe = Micrograms per wipe

RL = Reporting Limit

Nick Ly, Technical Director

'<' = Below the reporting Limit

Page 1 of 1

Note: Method QC results are acceptable unless stated otherwise. Concentration (ug/ft²) not reported if sample area is zero. Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 34-1114-3



Polychlorinated Biphenyls by Gas Chromatography

Client SDG Number Date Reported Project Number Location	NVL Field Services Division 1420311.00 11/24/2014 2012-494 3100 Airport Way South Seattle,WA	Samples Received* Analyzed By Samples Analyzed* Analysis Method Preparation Method	15 Shalini Patel 15 8082A 3546PR (PCB) * for this test only
Sample Number	er 10-400-PCB-1	Received	11/12/2014
Lab Sample ID	14140028	Matrix	Dust Wipe
Initial Sample Siz	ze 100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.43 11/17/2014
Aroclor-1260		0.050	0.58 11/17/2014
PCBs, Total Comments: South Wind	dow	0.050	1.01 11/17/2014
Sample Numbe	er 10-400-PCB-2	Received	11/12/2014
Lab Sample ID	14140029	Matrix	Dust Wipe
Initial Sample Siz	ze 100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Arocior-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.15 11/17/2014
Aroclor-1260		0.050	0.17 11/17/2014
PCBs, Total		0.050	0.32 11/17/2014

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Comments: Middle Window



Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-400-PCB-3	Received	11/12/2014
Lab Sample ID	14140030	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.19 11/17/2014
Aroclor-1260		0.050	0.21 11/17/2014
PCBs, Total		0.050	0.4 11/17/2014
Comments: North Window			
Sample Number	10-400-PCB-4	Received	11/12/2014
Lab Sample ID	14140031	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Arocior-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	26 11/17/2014
		0.050	30 11/17/2014
Aroclor-1260			
Aroclor-1260 PCBs, Total		0.050	56 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-400-PCB-5	Received	11/12/2014
_ab Sample ID	14140032	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Arocior-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.23 11/17/2014
Aroclor-1260		0.050	0.27 11/17/2014
PCBs, Total		0.050	0.5 11/17/2014
Comments: Middle window F	Floor		
Sample Number	10-400-PCB-6	Received	11/12/2014
Lab Sample ID	14140033	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
ALCOIDE LETO		0.050	0.22 11/17/2014
Araclar-1254			0.28 11/17/2014
		0.050	0.26 11/1//2014
Aroclor-1254 Aroclor-1260 PCBs, Total		0.050	0.5 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-400-PCB-7	Received	11/12/2014
Lab Sample ID	14140034	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.34 11/17/2014
Aroclor-1260		0.050	0.53 11/17/2014
PCBs, Total		0.050	0.87 11/17/2014
Comments: Projector			
Sample Number	10-400-PCB-8	Received	11/12/2014
Lab Sample ID	14140035	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
		0.050	- 0.050 44/47/0044
Aroclor-1016		0.050	< 0.050 11/17/2014
		0.050	< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232			
Aroclor-1221 Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1221 Aroclor-1232 Aroclor-1242		0.0 50 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248		0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1221		0.050 0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254		0.050 0.050 0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-400-PCB-9	Received	11/12/2014
•		Matrix	Dust Wipe
Lab Sample ID	14140036		·
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.30 11/17/2014
Aroclor-1260		0.050	0.44 11/17/2014
PCBs, Total		0.050	0.74 11/17/2014
Comments: Duplicate-South	window floor		
Sample Number	10-400-PCB-10	Received	11/12/2014
Lab Sample ID	14140037	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Arocior-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	< 0.050 11/17/2014
Aroclor-1260		0.050	< 0.050 11/17/2014
		0.050	<0.05 11/17/2014

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Comments: Field Blank. Result based on an assumption that 100cm2 area was used.

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-400-PCB-11	Received	11/12/2014
Lab Sample ID	14140038	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Arocior-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Arocior-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.70 11/17/2014
Aroclor-1260		0.050	0.92 11/17/2014
PCBs, Total Comments: Bust		0.050	1.62 11/17/2014
Sample Number	10-300-PCB-1	Received	11/12/2014
Lab Sample ID	14140039	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
		r)	
Inalyte		RL	Final Result Analysis Date
		0.050	Final Result Analysis Date < 0.050 11/17/2014
Aroclor-1016			
Aroclor-1016 Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232		0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242		0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254		0.050 0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248		0.050 0.050 0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254		0.050 0.050 0.050 0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 5.9 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-300-PCB-2	Received	11/12/2014
Lab Sample ID	14140040	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Arocior-1016		0.050	0.098 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	9.7 11/17/2014
Aroclor-1260		0.050	12 11/17/2014
PCBs, Total		0.050	21.798 11/17/2014
Comments: North Window			
Sample Number	10-300-PCB-3	Received	11/12/2014
Lab Sample ID	14140041	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Inalyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	0.14 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Arocior-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
		0.050	15 11/17/2014
Aroclor-1254			
Aroclor-1254 Aroclor-1260		0.050	19 11/17/2014
		0.050	34.14 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-300-PCB-4	Received	11/12/20	114
Lab Sample ID	14140042	Matrix	Dust Wip	pe
Initial Sample Size	100 cm2	Units of Result	ug/100cr	m2
Analyte		RL	Final Result	Analysis Date
Aroclor-1016		0.050	< 0.050	11/17/2014
Aroclor-1221		0.050	< 0.050	11/17/2014
Aroclor-1232		0.050	< 0.050	11/17/2014
Aroclor-1242		0.050	< 0.050	11/17/2014
Arocior-1248		0.050	< 0.050	11/17/2014
Aroclor-1254		0.050	1.8	11/17/2014
Aroclor-1260		0.050	2.2	11/17/2014
PCBs, Total		0.050	4	11/17/2014

Comments. North window floor

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Polychlorinated Biphenyls by Gas Chromatography

Client SDG Number Date Reported Project Number Location	NVL Field Services Division 1420312.00 11/24/2014 2012-494 3100 Airport Way South, Seattle, W 98134	Samples Received* Analyzed By Samples Analyzed* Analysis Method Preparation Method	15 Evelyn Ahulu 15 8082A 3546PR (PCB) * for this test only
Sample Numbe	r 10-300-PCB-5	Received	11/12/2014
Lab Sample ID	14140043	Matrix	Dust Wipe
Initial Sample Siz	re 100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.19 11/17/2014
Aroclor-1260		0.050	0.18 11/17/2014
PCBs, Total Comments: Top of Frid	lge	0.050	0.37 11/17/2014
Sample Numbe	er 10-300-PCB-6	Received	11/12/2014
Lab Sample ID	14140044	Matrix	Dust Wipe
Initial Sample Siz	ze 100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.13 11/17/2014
Aroclor-1260		0.050	0.19 11/17/2014
PCBs, Total		0.050	0.32 11/17/2014

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4708 Aurora Avenue North | Seattle, WA 98103

Comments: Top of Hot H2O Cabinet



Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-300-PCB-7	Received	11/12/2014
Lab Sample ID	14140045	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.078 11/17/2014
Aroclor-1260		0.050	0.12 11/17/2014
PCBs, Total		0.050	0.198 11/17/2014
Comments: Duplicate-Top of	f H20 cabinet		
Sample Number	10-300-PCB-8	Received	11/12/2014
•	10-300-PCB-8 14140046	Received Matrix	11/12/2014 Dust Wipe
Lab Sample ID			
Lab Sample ID Initial Sample Size	14140046	Matrix	Dust Wipe
Sample Number Lab Sample ID Initial Sample Size Analyte Arodor-1016	14140046	Matrix Units of Result	Dust Wipe ug/100cm2
Lab Sample ID Initial Sample Size Analyte Aroclor-1016	14140046	Matrix Units of Result RL	Dust Wipe ug/100cm2 Final Result Analysis Date
Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221	14140046	Matrix Units of Result RL 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/17/2014
Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232	14140046	Matrix Units of Result RL 0.050 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014
Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242	14140046	Matrix Units of Result RL 0.050 0.050 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	14140046	Matrix Units of Result RL 0.050 0.050 0.050 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Lab Sample ID Initial Sample Size Analyte	14140046	Matrix Units of Result RL 0.050 0.050 0.050 0.050 0.050 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014

Comments: Field Blank Result is based on an assumption that 100cm2 area was used



Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-200-PCB-1	Received	11/12/2014
Lab Sample ID	14140047	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	9.2 11/17/2014
Aroclor-1260		0.050	8.6 11/17/2014
PCBs, Total		0.050	17.8 11/17/2014
Comments: Floor in front of v	vindow		
Sample Number	10-200-PCB-2	Received	11/12/2014
Lab Sample ID	14140048	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016	<u></u>	0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
		0.050	< 0.050 11/17/2014
Aroclor-1232			0.000 44/47/0044
		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1242 Aroclor-1248			
Aroclor-1242 Aroclor-1248 Aroclor-1254		0.050	< 0.050 11/17/2014
Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 PCBs, Total		0.050 0.050	< 0.050 11/17/2014 0.064 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-200-PCB-3	Received	11/12/2014
Lab Sample ID	14140049	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Arocior-1254		0.050	0.078 11/17/2014
Aroclor-1260		0.050	0.13 11/17/2014
PCBs, Total Comments: Top of black She	elving	0.050	0.208 11/17/2014
Sample Number	10-200-PCB-4	Received	11/12/2014
Lab Sample ID	14140050	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
\nalyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Arocior-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.14 11/17/2014
Aroclor-1260		0.050	0.20 11/17/2014
PCBs, Total		0.050	0.34 11/17/2014
•			

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-200-PCB-5	Received	11/12/2014
Lab Sample ID	14140051	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
ınalyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Arocior-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Arocior-1254		0.050	0.15 11/17/2014
Aroclor-1260		0.050	0.14 11/17/2014
PCBs, Total		0.050	0.29 11/17/2014
Comments: Floor below fridg	e		
Comple Number	10-200-PCB-6	Received	11/12/2014
Sample Number		Matrix	Dust Wipe
Lab Sample ID	14140052		,
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
		0.050	< 0.050 11/17/2014
Aroclor-1016		0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232			< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232		0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242		0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221		0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248		0.050 0.050 0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	10-200-PCB-7	Received	11/12/2014
Lab Sample ID	14140053	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1016 Aroclor-1221		0.050	< 0.050 11/17/2014
Arocior-1221 Arocior-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	< 0.050 11/17/2014
Aroclor-1260		0.050	< 0.050 11/17/2014
DCDs Total		0.050	<0.05 11/17/2014
PCBs, Total Comments: Field Blank.Resi	ult is based on an assumption that 100cm2 area was used.		
Sample Number	11-200-PCB-1	Received	11/12/2014
Lab Sample ID	14140054	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
		0.050	< 0.050 11/17/2014
Arncint-1221			
		0.050	< 0.050 11/17/2014
Aroclor-1221 Aroclor-1232 Aroclor-1242		0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1232 Aroclor-1242			
Aroclor-1232 Aroclor-1242 Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1232 Aroclor-1242		0.050 0.050	< 0.050 11/17/2014 < 0.050 11/17/2014
Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254		0.050 0.050 0.05 0	< 0.050 11/17/2014 < 0.050 11/17/2014 0.060 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	11-200-PCB-2	Received	11/12/2014
Lab Sample ID	14140055	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroctor-1232		0.050	< 0.050 11/17/2014
Arodor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	< 0.050 11/17/2014
Aroclor-1260		0.050	< 0.050 11/17/2014
PCBs, Total		0.050	<0.05 11/17/2014
Comments: Floor in front of l	V window		
Sample Number	11-200-PCB-3	Received	11/12/2014
•	14140056	Matrix	Dust Wipe
i an Samble III			
·		Units of Result	ug/100cm2
Initial Sample Size	100 cm2	Units of Result	ug/100cm2 Final Result Analysis Date
Initial Sample Size			
Initial Sample Size Analyte Aroclor-1016		RL	Final Result Analysis Date
Initial Sample Size Analyte Aroclor-1016 Aroclor-1221		RL 0.050	Final Result Analysis Date < 0.050 11/17/2014
Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232		RL 0.050 0.050	Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014
Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242		RL 0.050 0.050 0.050	Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248		0.050 0.050 0.050 0.050	Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254		0.050 0.050 0.050 0.050 0.050	Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014
Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 PCBs, Total		0.050 0.050 0.050 0.050 0.050 0.050	Final Result Analysis Date < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 < 0.050 11/17/2014 0.15 11/17/2014

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Polychlorinated Biphenyls by Gas Chromatography

Sample Number	11-200-PCB-4	Received	11/12/2014
Lab Sample ID	14140057	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Arocior-1016		0.050	< 0.050 11/17/2014
Aroclor-1221		0.050	< 0.050 11/17/2014
Aroclor-1232		0.050	< 0.050 11/17/2014
Aroclor-1242		0.050	< 0.050 11/17/2014
Aroclor-1248		0.050	< 0.050 11/17/2014
Aroclor-1254		0.050	0.24 11/17/2014
Aroclor-1260		0.050	0.47 11/17/2014
PCBs, Total		0.050	0.71 11/17/2014

Comments: Top of W Acuustic Wall



Polychlorinated Biphenyls by Gas Chromatography

Client NVL Field Services Division SDG Number 1420313.00 Date Reported 11/24/2014 Project Number 2012-494 Location 3100 Airport Way South Seattle,WA 98134		lumber 1420313.00 Analyzed By eported 11/24/2014 Samples Analyze Number 2012-494 Analysis Method on 3100 Airport Way South Seattle,WA Preparation Meth		Shalini Patel I* 3 8082A	
Sample Number	r 11-200	-PCB-5	Received	11/12/2	014
Lab Sample ID	141400	58	Matrix	Dust Wi	pe
Initial Sample Siz	e 100 cm	2	Units of Result	ug/100c	m2
Analyte			RL	Final Result	Analysis Date
Aroclor-1016			0.050	< 0.050	11/17/2014
Aroclor-1221			0.050	< 0.050	11/17/2014
Aroclor-1232			0.050		11/17/2014
Aroclor-1242			0.050		11/17/2014
Arocior-1248			0.050		11/17/2014
Aroclor-1254			0.050		11/17/2014
Aroclor-1260		_	0.050	0.064	11/17/2014
PCBs, Total Comments: White Cha	·r		0.050	0.134	11/17/2014
Sample Numbe	er 11-200	-PCB-6	Received	11/12/2	014
Lab Sample ID	141400	59	Matrix	Dust W	ipe
Initial Sample Siz	te 100 cm	2	Units of Result	ug/100d	:m2
Analyte			RL	Final Result	Analysis Date
Aroclor-1016			0.050	< 0.050	11/17/2014
Aroclor-1221			0.050	< 0.050	11/17/2014
Aroclor-1232			0.050	< 0.050	11/17/2014
Aroclor-1242			0.050	< 0.050	11/17/2014
Aroclor-1248			0.050		11/17/2014
Aroclor-1254			0.050		11/17/2014
Aroclor-1260		-	0.050	0.058	11/17/2014
PCBs, Total			0.050	0.114	11/17/2014

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Comments: Duplicate-Floor, S Window

ANALYSIS REPORT Polychlorinated Biphenyls by Gas Chromatography



Sample Number	11-200-PCB-7	Received	11/12/2014
Lab Sample ID	14140060	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.050	< 0.050	11/17/2014
Aroclor-1016 Aroclor-1221	0.050	< 0.050	11/17/2014
Aroclor-1232	0.050	< 0.050	11/17/2014
Arodor-1242	0.050	< 0.050	11/17/2014
Aroclor-1248	0.050	< 0.050	11/17/2014
Aroclor-1254	0.050	< 0.050	11/17/2014
Aroclor-1260	0.050	< 0.050	11/17/2014
PCBs, Total	0.050	<0.05	11/17/2014

Comments: Field Blank, Data is based on an assumption that 100cm2 area was used.

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Polychlorinated Biphenyls by Gas Chromatography

Client SDG Number Date Reported Project Number Location	NVL Field Services Division 1420408.00 11/24/2014 2012-494 3100 Airport Way South Seattle,WA 98134	Samples Received* Analyzed By Samples Analyzed* Analysis Method Preparation Method	5 Shalini Patel 5 8082A 3546PR (PCB) • for this test only		
Sample Number	r 111314-PCB-1	Received	11/13/2014		
Lab Sample ID	14140583	Matrix	Dust Wipe		
Initial Sample Size	e 100 cm2	Units of Result	ug/100cm2		
Analyte		RL	Final Result Analysis Date		
Aroclor-1016		0.050	< 0.050 11/19/2014		
Aroclor-1221		0.050	< 0.050 11/19/2014		
Aroclor-1232		0.050	< 0.050 11/19/2014		
Aroclor-1242		0.050	< 0.050 11/19/2014		
Aroclor-1248		0.050	< 0.050 11/19/2014		
Aroclor-1254		0.050	3.1 11/19/2014		
Aroclor-1260		0.050	2.3 11/19/2014		
PCBs, Total Comments: 10-200,Floc	or under whiteboard S.Pre-clean	0.050	5.4 11/19/2014		
Sample Numbe	r 111314-PCB-2	Received	11/13/2014		
Lab Sample ID	14140584	Matrix	Dust Wipe		
Initial Sample Siz	e 100 cm2	Units of Result	ug/100cm2		
Analyte		RL	Final Result Analysis Date		
Aroclor-1016		0.050	< 0.050 11/19/2014		
Aroclor-1221		0.050	< 0.050 11/19/2014		
Aroclor-1232		0.050	< 0.050 11/19/2014		
Aroclor-1242		0.050	< 0.050 11/19/2014		
Aroclor-1248		0.050	< 0.050 11/19/2014		
Aroclor-1254		0.050	2.7 11/19/2014		
Aroclor-1260		0.050	3.2 11/19/2014		
PCBs, Total		0.050	5.9 11/19/2014		

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Comments: 10-200, Floor under whiteboard.N.Pre-clean



Polychlorinated Biphenyls by Gas Chromatography

Sample Number	111314-PCB-3	Received	11/13/2014
Lab Sample ID	14140585	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/19/2014
Aroclor-1221		0.050	< 0.050 11/19/2014
Aroclor-1232		0.050	< 0.050 11/19/2014
Aroclor-1242		0.050	< 0.050 11/19/2014
Aroclor-1248		0.050	< 0.050 11/19/2014
Arocior-1254		0.050	0.11 11/19/2014
Aroclor-1260		0.050	0.11 11/19/2014
		0.050	0.22 11/19/2014
PCBs, Total		0.050	0.22 11/19/2014
PCBs, Total Comments: 10-200,Floor un	der whiteboard, S. Post-clean	0.050	0.22 11/19/2014
Comments: 10-200,Floor un	der whiteboard, S. Post-clean	Received	11/13/2014
			·
Sample Number Lab Sample ID	111314-PCB-4	Received	11/13/2014
Comments: 10-200.Floor un	111314-PCB-4 14140586	Received M atrix	11/13/2014 Dust Wipe
Sample Number Lab Sample ID Initial Sample Size	111314-PCB-4 14140586	Received M atrix Units of Result	11/13/2014 Dust Wipe ug/100cm2
Sample Number Lab Sample ID Initial Sample Size Analyte Aroclor-1016	111314-PCB-4 14140586	Received M atrix Units of Result RL	11/13/2014 Dust Wipe ug/100cm2 Final Result Analysis Date
Sample Number Lab Sample ID Initial Sample Size	111314-PCB-4 14140586	Received Matrix Units of Result RL 0.050	11/13/2014 Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/19/2014
Sample Number Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221	111314-PCB-4 14140586	Received Matrix Units of Result RL 0.050 0.050	11/13/2014 Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/19/2014 < 0.050 11/19/2014
Sample Number Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242	111314-PCB-4 14140586	Received Matrix Units of Result RL 0.050 0.050 0.050	11/13/2014 Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/19/2014 < 0.050 11/19/2014 < 0.050 11/19/2014
Sample Number Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232	111314-PCB-4 14140586	Received Matrix Units of Result RL 0.050 0.050 0.050 0.050	11/13/2014 Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/19/2014 < 0.050 11/19/2014 < 0.050 11/19/2014 < 0.050 11/19/2014
Sample Number Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	111314-PCB-4 14140586	Received Matrix Units of Result RL 0.050 0.050 0.050 0.050 0.050	11/13/2014 Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 11/19/2014 < 0.050 11/19/2014 < 0.050 11/19/2014 < 0.050 11/19/2014 < 0.050 11/19/2014 < 0.050 11/19/2014

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Comments: 10-200, Floor under Whiteboard, N, Post clean



Polychlorinated Biphenyls by Gas Chromatography

Sample Number	111314-PCB-5	Received	11/13/2014
Lab Sample iD	14140587	Matrix	Dust Wipe
Initial Sample Size	100 cm2	Units of Result	ug/100cm2
Analyte		RL	Final Result Analysis Date
Aroclor-1016		0.050	< 0.050 11/19/2014
Aroclor-1221		0.050	< 0.050 11/19/2014
Aroclor-1232		0.050	< 0.050 11/19/2014
Aroclor-1242		0.050	< 0.050 11/19/2014
Aroclor-1248		0.050	< 0.050 11/19/2014
Aroclor-1254		0.050	< 0.050 11/19/2014
Aroclor-1260		0.050	< 0.050 11/19/2014
PCBs. Total		0.050	<0.05 11/19/2014

Comments: Field Blank.Result is based on an assumption that 100cm2 area was used.

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4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420308.00

QA/QC ANALYSIS REPORT Total Metals

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 15

Date Received: November 12, 2014 Date Analyzed: November 18, 2014

	Seattle, WA 98	134					
Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits	
Lead (Pb)	ICV	ppm	3.00	3.06	102	85-115	
£000 (. D)	ccv	ppm	3.00	2.99	100	85-115	
	Method Blank	ppm	0.00	< RL	N/A	N/A	
L	CS Matrix Spike	ppm	0.52	0.44	85	70-130	
	Spike Duplicate	ppm	0.52	0.44	85	70-130	

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Lead (Pb)	LCS Spike	ppm	0.44	0.44	0	+/-20

Instrument/Bench Ru	ın: 34-1114-2	
TOST THE TRACE TO A CO.	JII .)4+-1 t4-2	

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel

Date Reported: November 18, 2014

Page 1 of 5

Reviewed by:

A Factorical Director

Page 40 of 75 (NVL 2012-494)

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420308.00

QA/QC ANALYSIS REPORT Total Metals

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 15

Date Received: November 12, 2014 Date Analyzed: November 18, 2014

	Seattle, W/CS					
Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
Compor (Cu)	ICV	n n na	3.00	3.07	102	85-115
Copper (Cu)	ICV	ppm				
	CCV	ppm	3.00	2.96	99	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
LC	CS Matrix Spike	ppm	0.53	0.49	92	70-130
LCS Matrix	Spike Duplicate	ppm	0.53	0.49	92	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Copper (Cu)	LCS Spike	ppm	0.49	0.49	0	+/-20

Instrument/Bench Run: 34-1114-2

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel Date Reported: November 18, 2014

Reviewed by:

Page 2 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420308.00

QA/QC ANALYSIS REPORT Total Metals

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Matrix: Wipe

Method: EPA 3051/6010C

Attention: Mr. Munaf Khan

Total Samples: 15

Project #: 2012-494

Location: 3100 Airport Way South

Date Received: November 12, 2014 Date Analyzed: November 18, 2014

Seattle, WA 98134

Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
Nickel (Ni)	ICV	ppm	3.00	3.11	104	85-115
	CCV	ppm	3.00	3.02	101	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
	RL Matrix Spike	ppm	0.20	0.22	110	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Nickel (Ni)	RL Spike	ppm	N/A	N/A	N/A	+/-20

Instrument/Bench Run: 34-1114-2

ppm = Parts per million (mg/L)

ICV = Initial Calibration Verification

LCS = Laboratory Control Sample

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel

Date Reported: November 18, 2014

Reviewed by:

Nick La Technical Director

Page 3 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420308.00

QA/QC ANALYSIS REPORT **Total Metals**

Client: NVL Field Services Division

4708 Aurora Ave. N Seattle, WA 98103

Matrix: Wipe

Method: EPA 3051/6010C

Attention: Mr. Munaf Khan

Total Samples: 15

Project #: 2012-494

Location: 3100 Airport Way South

Date Received: November 12, 2014 Date Analyzed: November 18, 2014

Seattle, WA 98134

Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
7ino (7n)	ICV	nnm	3.16	2.92	92	85-1 1 5
Zinc (Zn)	CCV	ppm ppm	3.16	3.06	100	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
	RL Matrix Spike	ppm	0.20	0.28	140	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Zinc (Zn)	RL Spike	ppm	N/A	N/A	N/A	+/-20

34-1114-2 Instrument/Bench Run:

ppm = Parts per million (mg/L)

ICV = Initial Calibration Verification

LCS = Laboratory Control Sample

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel

Date Reported: November 18, 2014

Reviewed by:

Page 4 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

AIHA -IH #101861 WA-DOE #C1765

Batch #: 1420308.00

QA/QC ANALYSIS REPORT **Total Metals**

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 15

Date Received: November 12, 2014

Date Analyzed: November 18, 2014

Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
Chromium (Cr)	ICV	ppm	3.00	3.01	100	85-115
	CCV	ppm	3.00	3.03	101	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
LC	S Matrix Spike	ppm	0.51	0.44	86	70-130
	Spike Duplicate	ppm	0.51	0.43	83	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Chromium (Cr)	LCS Spike	ppm	0.44	0.43	3	+/-20

Instrument/Bench Run: 34-1114-2

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel

Date Reported: November 18, 2014

Reviewed by:

echnical Director

Page 5 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420309.00

QA/QC ANALYSIS REPORT Total Metals

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 15

Date Received: November 12, 2014

Date Analyzed: November 18, 2014

	ocatio, micoo					
Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
Lead (Pb)	ICV	ppm	3.00	3.06	102	85-115
	CCV	ppm	3.00	3.00	100	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
L	.CS Matrix Spike	ppm	0.52	0.47	90	70-130
LCS Matrix	Spike Duplicate	ppm	0.52	0.45	86	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Lead (Pb)	LCS Spike	ppm	0.47	0.45	4	+/-20

Instrument/Bench Run: 34-1114-3

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel Date Reported: November 18, 2014

Reviewed by:

Page 1 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420309.00

QA/QC ANALYSIS REPORT **Total Metals**

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Matrix: Wipe

Method: EPA 3051/6010C

Attention: Mr. Munaf Khan

Total Samples: 15

Date Received: November 12, 2014 Project #: 2012-494 Location: 3100 Airport Way South

Seattle, WA 98134

Date Analyzed: November 18, 2014

			Amount	Amount	=	Acceptable
Analyte	Sample Type	Units	Spiked	Recovered	% Recovery	Limits
Copper (Cu)	ICV	ppm	3.00	3.07	102	85-115
	CCV	ppm	3.00	3.00	100	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
Lo	CS Matrix Spike	ppm	0.53	0.50	94	70-130
LCS Matrix	Spike Duplicate	ppm	0.53	0.51	96	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Copper (Cu)	LCS Spike	ppm	0.50	0.51	-2	+/-20

34-1114-3 Instrument/Bench Run:

ppm = Parts per million (mg/L)

ICV = Initial Calibration Verification

LCS = Laboratory Control Sample

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Date Reported: November 18, 2014 Analyst: Shalini Patel

Reviewed by:

Page 2 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420309.00

QA/QC ANALYSIS REPORT Total Metals

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Method: EPA 3051/6010C

Matrix: Wipe

Attention: Mr. Munaf Khan

Total Samples: 15

Project #: 2012-494 Location: 3100 Airport Way South Date Received: November 12, 2014 Date Analyzed: November 18, 2014

Seattle, WA 98134

Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
				0.44	404	05.445
Nickel (Ni)	ICV	ppm	3.00	3.11	104	85-115
	CCV	ppm	3.00	3.05	102	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
	RL Matrix Spike	ppm	0.20	0.22	110	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Nickel (Ni)	RL Spike	ppm	N/A	N/A	N/A	+/-20

Instrument/Bench Run: 34-1114-3

ppm = Parts per million (mg/L)

ICV = Initial Calibration Verification CCV = Continuous Calibration Verification LCS = Laboratory Control Sample

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Date Reported: November 18, 2014 Analyst: Shalini Patel

echnical Director

Reviewed by:

Page 3 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420309.00

QA/QC ANALYSIS REPORT Total Metals

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 15

Date Received: November 12, 2014

Date Analyzed: November 18, 2014

Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
						05.445
Zinc (Zn)	ICV	ppm	3.16	2.92	92	85-115
	CCV	ppm	3.06	3.07	100	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
	RL Matrix Spike	ppm	0.20	0.28	140	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Zinc (Zn)	RL Spike	ppm	N/A	N/A	N/A	+/-20

Instrument/Rench Ru	in: 34-1114-	2
Instrument/Hench Ri	ID: 34-1114-	∙.⊃

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel

Date Reported: November 18, 2014

Reviewed by:

Nick Ey, Technical Director

Page 4 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

AIHA -IH #101861 WA-DOE #C1765

Batch #: 1420309.00

QA/QC ANALYSIS REPORT Total Metals

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Matrix: Wipe

Method: EPA 3051/6010C

Attention: Mr. Munaf Khan

Total Samples: 15

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Date Received: November 12, 2014 Date Analyzed: November 18, 2014

	Ocaldo, IVI O	0,01				
Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
			·		•	
Chromium (Cr)	ICV	ppm	3.00	3.01	100	85-115
	CCV	ppm	3.00	3.07	102	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
LCS Matrix Spike		ppm	0.51	0.45	88	70-130
	Spike Duplicate	ppm	0.51	0.43	85	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Chromium (Cr)	LCS Spike	ppm	0.45	0.43	4	+/-20

Instrument/Bench Run: 34-1114-3

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel Date Reported: November 18, 2014

Reviewed by:

Nick Everector

Page 5 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420310.00

QA/QC ANALYSIS REPORT **Total Metals**

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 3

Date Received: November 12, 2014

Date Analyzed: November 18, 2014

Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
Lead (Pb)	ICV	mag	3.00	3.06	102	85-115
Load (i b)	CCV	ppm	3.00	2.99	100	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
L	.CS Matrix Spike	ppm	0.52	0.47	90	70-130
	Spike Duplicate	ppm	0.52	0.45	86	70-130

	Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
P	Lead (Pb)	LCS Spike	ppm	0.47	0.45	4	+/-20

Instrument/Bench Run: 34-1114-3

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel Date Reported: November 18, 2014

Reviewed by:

Page 1 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420310.00

QA/QC ANALYSIS REPORT **Total Metals**

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 3

Date Received: November 12, 2014

Date Analyzed: November 18, 2014

Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
Copper (Cu)	ICV	ppm	3.00	3.07	102	85-115
	CCV	ppm	3.00	2.95	98	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
L	CS Matrix Spike	ppm	0.53	0.50	94	70-130
LCS Matrix	Spike Duplicate	ppm	0.53	0.51	96	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Copper (Cu)	LCS Spike	ppm	0.50	0.51	-2	+/-20

Instrument/Bench Run: 34-1114-3

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel Date Reported: November 18, 2014

Nicker Technical Director

Reviewed by:

Page 2 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206,547,0100 • Fax: 206,634,1936

Batch #: 1420310.00

QA/QC ANALYSIS REPORT Total Metals

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 3

Date Received: November 12, 2014

Date Analyzed: November 18, 2014

A a li d a	Camala Tuna	Limita	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
Analyte	Sample Type	Units	Spiked	Recovered	% Recovery	Limits
Nickel (Ni)	ICV	ppm	3.00	3.11	104	85-115
	CCV	ppm	3.00	3.05	102	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
	RL Matrix Spike	ppm	0.20	0.22	110	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Nickel (Ni)	RL Spike	ppm	N/A	N/A	N/A	+/-20

Instrument/Bench Run: 34-1114-3

ppm = Parts per million (mg/L)

ICV = Initial Calibration Verification

LCS = Laboratory Control Sample

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel

Date Reported: November 18, 2014

Reviewed by:

Nick Ly Technical Director

Page 3 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936

Batch #: 1420310.00

QA/QC ANALYSIS REPORT **Total Metals**

Client: NVL Field Services Division

4708 Aurora Ave. N

Seattle, WA 98103

Attention: Mr. Munaf Khan

Project #: 2012-494

Location: 3100 Airport Way South

Seattle, WA 98134

Matrix: Wipe

Method: EPA 3051/6010C

Total Samples: 3

Date Received: November 12, 2014

Date Analyzed: November 18, 2014

ICV = Initial Calibration Verification

Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
·						····
Zinc (Zn)	ICV	ppm	3.16	2.92	92	85-115
, ,	CCV	ppm	3.06	3.05	100	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
	RL Matrix Spike	ppm	0.20	0.28	140	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Zinc (Zn)	RL Spike	ppm	N/A	N/A	N/A	+/-20

Instrument/Bench Run: 34-1114-3

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Analyst: Shalini Patel Date Reported: November 18, 2014

Reviewed by:

Page 4 of 5

4708 Aurora Ave., N., Seattle, WA 98103

Tel: 206.547.0100 • Fax: 206.634.1936 AIHA -IH #101861 WA-DOE #C1765

Batch #: 1420310.00

QA/QC ANALYSIS REPORT **Total Metals**

Client: NVL Field Services Division

4708 Aurora Ave. N

Method: EPA 3051/6010C

Seattle, WA 98103

Attention: Mr. Munaf Khan

Total Samples: 3

Project #: 2012-494

Location: 3100 Airport Way South Seattle, WA 98134

Date Received: November 12, 2014

Date Analyzed: November 18, 2014

Matrix: Wipe

	Occide, in to	· · · · · · · · · · · · · · · · · · ·				
Analyte	Sample Type	Units	Amount Spiked	Amount Recovered	% Recovery	Acceptable Limits
Chromium (Cr)	ICV	mag	3.00	3.01	100	85-115
Cilidinani (Ci)	CCV	ppm	3.00	3.07	102	85-115
	Method Blank	ppm	0.00	< RL	N/A	N/A
LC	S Matrix Spike	ppm	0.51	0.45	88	70-130
LCS Matrix S	Spike Duplicate	ppm	0.51	0.43	85	70-130

Analyte	Sample Type	Units	Original	Duplicate	RPD	Acceptable Limits
Chromium (Cr)	LCS Spike	ppm	0.45	0.43	4	+/-20

34-1114-3 Instrument/Bench Run:

ppm = Parts per million (mg/L)

LCS = Laboratory Control Sample

ICV = Initial Calibration Verification

CCV = Continuous Calibration Verification

RL = Reporting Limit; N/A = Not Applicable RPD = Relative Percent Difference

NOTES: Method QC acceptable unless stated otherwise.

Date Reported: November 18, 2014 Analyst: Shalini Patel

Reviewed by:

Page 5 of 5



Phone: 206 547-0100 Fax: 206 634-1936

Quality Control Results

Project Number:	2012-494			SDG Numb	er:	142	0311			
				Project Ma	nager:	Mar	cus GI	adden		
QC Batch(es):	Q207			Analysis Me	ethod:	8082A				
QC Batch Method:	3546PR (PCB)			Analysis Descrip	tion:	Polych	nlorinat	ed Bipl	nenyls by Ga	15
Preparation Date:	11/13/2014					Chron	natogra	phy		
Blank: MBLK-14203	11									
	Blank				RL	(Control			
Analyte	Result	Units	DF				Limit			Qualifiers
Aroclor-1016	ND	ug∕wipe	1	(0.050		0.05			
Aroclor-1221	ND	ug/wipe	1	(0.050		0.05			
Aroclor-1232	ND	ug/wipe	1	(.050		0.05			
Arodor-1242	ND	ug/wipe	1	(0.050		0.05			
Arodor-1248	ND	ug/wipe	1	(0.050		0.05			
Arodor-1254	ND	ug/wipe	1	(0.050		0.05			
Arodor-1260	ND	ug/wipe	1		0.050		0.05			
PCBs. Total	ND	ug/wipe	1	(0.050		0.05			
Surrogates.					%	6 Rec				
Tetrachioro-m-xylene			1			67 4	10-140			
Decachlorobiphenyl			1			87 4	0-140			
Lab Control Sample:	MSPK-1420311									
	Blank Spike			Spike		,	% Rec			
Analyte	Result	Units	DF	Conc.	%	6 Rec	Limits			Qualifiers
Arodor-1254	0.170	ug/wipe	1	0.200		85 4	10-140			
Surrogates:										
Tetrachloro-m-xylene			1				0-140			
Decachlorobiphenyl			1			80 4	10-140			
Lab Control Sample:										
Lab Control Sample	Duplicate: LCS D	UP-142031	11							
	Blank Spike			Spike						
Analyte	Result	Units	DF	Conc.	%	6 Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	0.186	ug/wipe	1	0.200			10-140			
	0.188			0.200			10-140	1	50	
Aroclor-1260	0.188	ug/wipe	1	0.200			10-140	_		
Curromata :	0.184			0.200		92 4	10-140	2	50	
Surrogates:			_			74	10.4.0			
Tetrachloro-m-xylene			1				10-140			
Docachlorshiphopul			1				10-140 10-140			
Decachlorobiphenyl			1				10-140 10-140			
						J	-U-14U			

Surrogate Recovery Summary Report

Client NVL Field Services Division SDG Number 1420311

Project 2012-494

F10]601 2012-101				
Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
10-400-PCB-1	14140028	Decachlorobiphenyl	65%	40-140
10-400-PCB-1	14140028	Tetrachloro-m-xylene	57%	40-140
10-400-PCB-2	14140029	Decachlorobiphenyl	66%	40-140
10-400-PCB-2	14140029	Tetrachloro-m-xylene	54%	40-140
10-400-PCB-3	14140030	Decachlorobiphenyl	75%	40-140
10-400-PCB-3	14140030	Tetrachloro-m-xylene	66%	40-140
10-400-PCB-4	14140031	Decachlorobiphenyl	100%	40-140
10-400-PCB-4	14140031	Tetrachloro-m-xylene	89%	40-140
10-400-PCB-5	14140032	Decachlorobiphenyl	69%	40-140
10-400-PCB-5	14140032	Tetrachloro-m-xylene	62%	40-140
10-400-PCB-6	14140033	Decachlorobiphenyl	77%	40-140
10-400-PCB-6	14140033	Tetrachloro-m-xylene	67%	40-140
10-400-PCB-7	14140034	Decachlorobiphenyl	68%	40-140
10-400-PCB-7	14140034	Tetrachloro-m-xylene	58%	40-140
10-400-PCB-8	14140035	Decachlorobiphenyl	70%	40-140
10-400-PCB-8	14140035	Tetrachloro-m-xylene	60%	40-140
10-400-PCB-9	14140036	Decachlorobiphenyl	59%	40-140
10-400-PCB-9	14140036	Tetrachloro-m-xylene	52%	40-140
10-400-PCB-10	14140037	Decachlorobiphenyl	72%	40-140
10-400-PCB-10	14140037	Tetrachloro-m-xylene	62%	40-140
10-400-PCB-11	14140038	Decachlorobiphenyl	74%	40-140
10-400-PCB-11	14140038	Tetrachloro-m-xylene	66%	40-140
10-300-PCB-1	14140039	Decachlorobiphenyl	85%	40-140
10-300-PCB-1	14140039	Tetrachloro-m-xylene	75%	40-140
10-300-PCB-2	14140040	Decachlorobiphenyl	66%	40-140
10-300-PCB-2	14140040	Tetrachloro-m-xylene	53%	40-140
10-300-PCB-3	14140041	Decachlorobiphenyl	103%	40-140
10-300-PCB-3	14140041	Tetrachloro-m-xylene	88%	40-140
10-300-PCB-4	14140042	Decachlorobiphenyl	73%	40-140
10-300-PCB-4	14140042	Tetrachloro-m-xylene	64%	40-140
LCS DUP-1420311	LCS DUP-1420311	Decachlorobiphenyl	92%	40-140
LCS DUP-1420311	LCS DUP-1420311	Tetrachloro-m-xylene	70%	40-140

^{*} Recovery outside limits

Surrogate Recovery Summary Report

Client NVL Field Services Div	rision		SDG Number	1420311	
Project <u>2012-494</u>	·				
Customer Sample ID	Lab Sample ID	Analyte		Recovery	Limits
LCS-1420311	LCS-1420311	Decachlorobiphenyl		96%	40-140
LCS-1420311	LCS-1420311	Tetrachloro-m-xylene		71%	40-140
MBLK-1420311	MBLK-1420311	Decachlorobiphenyl		87%	40-140
MBLK-1420311	MBLK-1420311	Tetrachloro-m-xylene		67%	40-140
MSPK-1420311	MSPK-1420311	Decachlorobiphenyl		80%	40-140
MSPK-1420311	MSPK-1420311	Tetrachloro-m-xylene		76%	40-140

^{*} Recovery outside limits

INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No:

1420311

Contract:

N/A

Determination: 8082 PCB Aroclors <Wipe>

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R000200	R000200 CCV-1-1016 -1260	PCB_2014-2-6	11/17/2014	Aroclor-1016	0.1	0 101	ug/mi_	101	80-120
		PCB_2014-2-6	11/17/2014	Aroclor-1260	0.1	0.1	ug/mL	100	80-120
	CCV-1-1254	PCB_2014-2-7	11/17/2014	Aroclor-1254	0.1	0.094	ug/mL	94	80-120
	CCV-2-1016 -1260	PCB_2014-2-6	11/17/2014	Aroclor-1016	0.1	0,1	ug/mL	100	80-120
		PCB_2014-2-6	11/17/2014	Aroclor-1260	0.1	0.102	ug/mL	102	80-120
	CCV-2-1254	PCB_2014-2-7	11/17/2014	Aroclor-1254	0.1	0.095	ug/mi.	95	80-120
	CCV-3-1016 -1260	PCB_2014-2-6	11/17/2014	Aroclor-1016	0.1	0.11	ug/mL	110	80-120
		PCB_2014-2-6	11/17/2014	Araclar-1260	0.1	0 104	ug/mL	104	80-120
	CCV-3-1254	PCB_2014-2-7	11/17/2014	Aroclor-1254	0.1	0 098	ug/mL	98	80-120

% Rec Percent recovery

* - Percent recovery not within control limits

FORM PAS-RSR-1,0

Date Printed: 12/4/2014 14:38



Phone: 206 547-0100

Fax: 206 634-1936

Quality Control Results

Project Number:	2012-494			SDG Num	ber:	14	420312			
				Project Ma	anager:	M	arcus Gi	ladden		
QC Batch(es):	Q206			Analysis M	lethod:	808	2A			
QC Batch Method:	3546PR (PCB)			Analysis Descr	iption:	Poly	ychlorinat	ed Bip	nenyls by Ga	ıs
Preparation Date:	11/13/2014					Chr	omatogra	phy		
Blank: MBLK-14203	12									
Printers introduct parameter	 Blank				RL		Control			
Analyte	Result	Units	DF				Limit			Qualifiers
Aroclor-1016	ND	ug/wipe	1		0.050		0.05			
Aroclor-1221	ND	ug/wipe	1		0.050		0.05			
Aroclor-1232	ND	ug/wipe	1		0.050		0.05			
Aroclor-1242	ND	ug/wipe	1		0.050		0.05			
Arodor-1248	ND	ug/wipe	1		0.050		0.05			
Aroclor-1254	ND	ug/wipe	1		0.050		0.05			
Aroclor-1260	ND	ug/wipe	1		0.050		0.05			
PCBs, Total	ND	ug/wipe	1		0.050		0.05			
Surrogates:	,,,,	5 1				% Rec				
Tetrachloro-m-xylene			1			72	40-140			
Decachlorobiphenyl			1			98	40-140			
Lab Control Sample:	MSPK-1420312									
•	Blank Spike			Spike			% Rec			
Analyte	Result	Units	DF	Conc.	c	% Rec	Limits			Qualifiers
Aroclor-1254	0.184	ug/wipe	1	0.200		92	40-140			
Surrogates:										
Tetrachloro-m-xylene			1			80	40-140			
Decachlorobiphenyl			1			85	40-140			
Lab Control Sample:	LCS-1420312									
Lab Control Sample	Duplicate: LCS D	UP -14203	12							
	Blank Spike			Spike						
Analyte	Result	Units	DF	Conc.		% Rec	Limits	RPD	RPD Limit	Qualifiers
Arodor-1016	0.192	ug/wipe	1	0.200		96	40-140			
	0.196			0.200		98	40-140	2	50	
Arodor-1260	0.170	ug/wipe	1	0.200		85	40-140			
_	0.180			0.200		90	40-140	6	50	
Surrogates:										
Tetrachloro-m-xylene			1			66	40-140			
B 11 411			,			76	40-140			
Decachlorobiphenyl			1			92	40-140 40-140			
						101	4U~34U			

Surrogate Recovery Summary Report

Client NVL Field Services Division SDG Number 1420312

Project <u>2012-494</u>

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
-	14140043	Decachlorobiphenyl	53%	40-140
10-300-PCB-5	14140043	Tetrachloro-m-xylene	57%	40-140
10-300-PCB-5		Decachlorobiphenyl	71%	40-140
10-300-PCB-6	14140044	•	62%	40-140
10-300-PCB-6	14140044	Tetrachloro-m-xylene		40-140
10-300-PCB-7	14140045	Decachlorobiphenyl	79%	
10-300-PCB-7	14140045	Tetrachloro-m-xylene	71%	40-140
10-300-PCB-8	14140046	Decachlorobiphenyl	62%	40-140
10-300-PCB-8	14140046	Tetrachioro-m-xylene	52%	40-140
10-200-PCB-1	14140047	Decachlorobiphenyl	81%	40-140
10-200-PCB-1	14140047	Tetrachloro-m-xylene	74%	40-140
10-200-PCB-2	14140048	Decachlorobiphenyl	79%	40-140
10-200-PCB-2	14140048	Tetrachloro-m-xylene	67%	40-140
10-200-PCB-3	14140049	Decachlorobiphenyl	89%	40-140
10-200-PCB-3	14140049	Tetrachloro-m-xylene	65%	40-140
10-200-PCB-4	14140050	Decachlorobiphenyl	72%	40-140
10-200-PCB-4	14140050	Tetrachloro-m-xylene	66%	40-140
10-200-PCB-5	14140051	Decachlorobiphenyl	69%	40-140
10-200-PCB-5	14140051	Tetrachloro-m-xylene	61%	40-140
10-200-PCB-6	14140052	Decachlorobiphenyl	68%	40-140
10-200-PCB-6	14140052	Tetrachloro-m-xylene	51%	40-140
10-200-PCB-7	14140053	Decachlorobiphenyl	72%	40-140
10-200-PCB-7	14140053	Tetrachloro-m-xylene	63%	40-140
11-200-PCB-1	14140054	Decachlorobiphenyl	73%	40-140
11-200-PCB-1	14140054	Tetrachloro-m-xylene	67%	40-140
11-200-PCB-2	14140055	Decachlorobiphenyl	69%	40-140
11-200-PCB-2	14140055	Tetrachloro-m-xylene	61%	40-140
11-200-PCB-3	14140056	Decachlorobiphenyl	63%	40-140
11-200-PCB-3	14140056	Tetrachloro-m-xylene	57%	40-140
11-200-PCB-4	14140057	Decachlorobiphenyl	65%	40-140
11-200-PCB-4	14140057	Tetrachloro-m-xylene	59%	40-140
LCS DUP -1420312	LCS DUP -1420312	Decachlorobiphenyl	101%	40-140
LCS DUP -1420312	LCS DUP -1420312	Tetrachioro-m-xylene	76%	40-140
•		•		

^{*} Recovery outside limits

Surrogate Recovery Summary Report

Client NVL Field Services Division SDG Number 1420312

Project 2012-494

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
LCS-1420312	LCS-1420312	Decachlorobiphenyl	92%	40-140
LCS-1420312	LCS-1420312	Tetrachloro-m-xylene	66%	40-140
MBLK-1420312	MBLK-1420312	Decachlorobiphenyl	98%	40-140
MBLK-1420312	MBLK-1420312	Tetrachloro-m-xylene	72%	40-140
MSPK-1420312	MSPK-1420312	Decachlorobiphenyl	85%	40-140
MSPK-1420312	MSPK-1420312	Tetrachloro-m-xylene	80%	40-140

^{*} Recovery outside limits

INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: <u>1420312</u> Contract: <u>N/A</u>

Determination: 8082 PCB Aroclors <Wipe>

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R000199	CCV-1-1016 -1260	PCB_2014-2-6	11/17/2014	Aroclor-1016	0.1	0.101	ug/mL	101	80-120
		PCB_2014-2-6	11/17/2014	Araclar-1260	0.1	0.1	ug/mi.	100	80-120
	CCV-1-1254	PCB_2014-2-7	11/17/2014	Aroclor-1254	0.1	0.094	ug/mL	94	80-120
	CCV-2- 1016-1260	PCB_2014-2-6	11/17/2014	Araclor-1016	0.1	0.108	ug/mL	108	80-120
·		PCB_2014-2-6	11/17/2014	Aroclor-1260	0.1	0.102	ug/mL	102	80-120
	CCV-2- 1254	PCB_2014-2-7	11/17/2014	Aroclor-1254	0.1	0.095	ug/mL	95	80-120
	CCV-3-1016 -1260	PCB_2014-2-6	11/17/2014	Aroclor-1016	0.1	0.11	ug/mL	110	80-120
		PCB_2014-2-6	11/17/2014	Arociar-1260	0.1	0.104	ug/mL	104	80-120
	CCV-3-1254	PCB_2014-2-7	11/17/2014	Aroclor-1254	0.1	0.098	ug/mL	98	80-120

^as Rec · Percent recovery

^{* -} Percent recovery not within control limits



Phone: 206 547-0100 Fax: 206 634-1936

Quality Control Results

Project Number:	2012-494			SDG Nu	mber:	1	420313			
				Project	Manager:	N	larcus G	adden		
QC Batch(es):	Q205			Analysis	Method:	808	2A			
QC Batch Method:	3546PR (PCB)			Analysis Des	cription:	Pol	ychlorinat	ed Bipl	henyls by Ga	as
Preparation Date:	11/13/2014					Chr	omatogra	phy		
Blank: MB-1420313										
	Blank				RL		Control			
Analyte	Result	Units	DF		0.055		Limit			Qualifiers
Arodor-1016	ND	ug/wipe	1		0.050		0.05			
Arodor-1221	ND	ug/wipe	1		0.050		0.05			
Arodor-1232	МĎ	ug/wipe	1		0.050		0.05			
Arodor-1242	ND	ug/wipe	1		0.050		0.05			
Arodor-1248	ND	ug/wipe	1		0.050		0.05			
Arodor-1254	ND	ug/wipe	1		0.050		0.05			
Arodor-1260	ND	ug/wipe	1		0.050		0.05			
PCBs, Total	ND	ug/wipe	1		0.050		0.05			
Surrogates:						% Rec				
Tetrachloro-m-xylene			1			72	40-140			
Decachlorobiphenyl			1			98	40-140			
Lab Control Sample:	MSPK-1420313									
	Blank Spike			Spike			% Rec			
Analyte	Result	Units	DF	Conc.		% Rec	Limits			Qualifiers
Arodor-1254	0.184	ug/wipe	1	0.200		92	40-140			
Surrogates:										
Tetrachloro-m-xylene			1			80	40-140			
Decachlorobiphenyl			1			85	40-140			
Lab Control Sample:										
Lab Control Sample	Duplicate: LCS-D	UP-142031	13							
	Blank Spike			Spike						
Analyte	Result	Units	DF	Conc.		% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	0.192	ug/wipe	1	0.200		96	40-140			
	0.196			0.200		98	40-140	2	50	
Aroclor-1260	0.170	ug/wipe	1	0.200		85	40-140			
_	0.180			0.200		90	40-140	6	50	
Surrogates:										
Tetrachloro-m-xylene			1			66	40-140			
						76	40-140			
Decachlorobiphenyl			1			92	40-140			
						101	40-140			

Surrogate Recovery Summary Report

Client NVL Field Services Division SDG Number 1420313

Project <u>2012-494</u>

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
11-200-PCB-5	14140058	Decachlorobiphenyl	70%	40-140
11-200-PCB-5	14140058	Tetrachloro-m-xylene	65%	40-140
11-200-PCB-6	14140059	Decachlorobiphenyl	66%	40-140
11-200-PCB-6	14140059	Tetrachloro-m-xylene	61%	40-140
11-200-PCB-7	14140060	Decachlorobiphenyl	73%	40-140
11-200-PCB-7	14140060	Tetrachloro-m-xylene	66%	40-140
LCS-1420313	LCS-1420313	Decachlorobiphenyl	92%	40-140
LCS-1420313	LCS-1420313	Tetrachloro-m-xylene	66%	40-140
LCS-DUP-1420313	LCS-DUP-1420313	Decachlorobiphenyl	101%	40-140
LCS-DUP-1420313	LCS-DUP-1420313	Tetrachloro-m-xylene	76%	40-140
MB-1420313	MB-1420313	Decachlorobiphenyl	98%	40-140
MB-1420313	MB-1420313	Tetrachloro-m-xylene	72%	40-140
MSPK-1420313	MSPK-1420313	Decachlorobiphenyl	85%	40-140
MSPK-1420313	MSPK-1420313	Tetrachloro-m-xylene	80%	40-140

^{*} Recovery outside limits

INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: <u>1420313</u> Contract: <u>N/A</u>

Determination: 8082 PCB Aroclors <Wipe>

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R000198	CCV-1- 1016-1260	PCB_2014-2-6	11/17/2014	Arodor-1016	0.1	0.101	ug/mL	101	80-120
		PCB_2014-2-6	11/17/2014	Aroclos-1260	0.1	0.1	ug/mL	100	80-120
	CCV-1-1254	PCB_2014-2-7	11/17/2014	Aroclor-1254	0.1	0.094	ug/mL	94	80-120
	CCV-2- 1016-1260	PCB_2014-2-6	11/17/2014	Aroclor-1016	0.1	0.1	ug/mL	100	80-120
		PCB_2014-2-6	11/17/2014	Asocior-1260	0.1	0.102	ug/mL	102	80-120
	CCV-2 -1254	PCB_2014-2-7	11/17/2014	Aroclor-1254	0.1	0.095	ug/mL	95	80-120

[%] Rec = Percent recovery

^{* &}gt; Percent recovery not within control limits



Phone: 206 547-0100

Fax: 205 634-1936

Quality Control Results

Project Number:	2012-494			SDG Num	ber:	14	20408			
				Project Ma	ınager:	M	arcus G	ladder		
QC Batch(es):	Q208			Analysis M	ethod:	8082	2A			
QC Batch Method:	3546PR (PCB)			Analysis Descri	ption:	Poly	chlorinat	ed Bip	henyls by Ga	as
Preparation Date:	11/13/2014					Chro	matogra	phy		
Blank: MBLK-142040	08									
	Blank				RL		Control			
Analyte	Result	Units	DF				Limit			Qualifiers
Aroclor-1016	ND	ug/wipe	1		0.050		0.05			
Aroclor-1221	ND	ug/wipe	1		0.050		0.05			
Aroclor-1232	ND	ug/wipe	1		0.050		0.05			
Aroclor-1242	ND	ug/wipe	1		0.050		0.05			
Aroclor-1248	ND	ug/wipe	1		0.050		0.05			
Aroclor-1254	ND	ug/wipe	1		0.050		0.05			
Aroclor-1260	ND	ug/wipe	1		0.050		0.05			
PCBs, Total	ND	ug/wipe	1		0.050		0.05			
Surrogates:					%	6 Rec				
Tetrachioro-m-xylene			1			67	40-140			
Decachlorobiphenyl			1			87	40-140			
Lab Control Sample:	MSPK-1420408									
	Blank Spike			Spike			% Rec			
Analyte	Result	Units	DF	Conc.	%	€Rec	Limits			Qualifiers
Aroclor-1254	0.170	ug/wipe	1	0.200		85	40-140			
Surrogates:										
Tetrachloro-m-xylene			1			76	40-140			
Decachlorobiphenyl			1			80	40-140			
Lab Control Sample:	LCS-1420408									
Lab Control Sample	Duplicate: LCS D	UP-142040	18							
	Blank Spike			Spike						
Analyte	Result	Units	DF	Conc.	%	6 Rec	Limits	RPD	RPD Limit	Qualifiers
Arodor-1016	0.186	ug/wipe	1	0.200		93	40-140			
	0.188			0.200		94	40-140	1	50	
Arodor-1260	0.188	ug/wipe	1	0.200		94	40-140	-		
Surrogates:	0.184			0.200		92	40-140	2	50	
Surrogates:						7.	40 440			
Tetrachloro-m-xylene			1			71 70	40-140 40-140			
Decachlorobiphenyl			1			96	40-140			
Decade not oblighterly!			•			92	40-140			

NVL Laboratories, Inc. Surrogate Recovery Summary Report

Client NVL Field Services Division SDG Number 1420408

Project 2012-494

Project <u>2012-494</u>				
Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
111314-PCB-1	14140583	Decachlorobiphenyl	98%	40-140
111314-PCB-1	14140583	Tetrachloro-m-xylene	87%	40-140
111314-PCB-2	14140584	Decachlorobiphenyl	89%	40-140
111314-PCB-2	14140584	Tetrachloro-m-xylene	86%	40-140
111314-PCB-3	14140585	Decachlorobiphenyl	66%	40-140
111314-PCB-3	14140585	Tetrachloro-m-xylene	58%	40-140
111314-PCB-4	14140586	Decachlorobiphenyl	60%	40-140
111314-PCB-4	14140586	Tetrachloro-m-xylene	63%	40-140
111314-PCB-5	14140587	Decachlorobiphenyl	57%	40-140
111314-PCB-5	14140587	Tetrachloro-m-xylene	47%	40-140
LCS DUP-1420408	LCS DUP-1420408	Decachlorobiphenyl	92%	40-140
LCS DUP-1420408	LCS DUP-1420408	Tetrachloro-m-xylene	70%	40-140
LCS-1420408	LCS-1420408	Decachlorobiphenyl	96%	40-140
LCS-1420408	LCS-1420408	Tetrachioro-m-xylene	71%	40-140
MBLK-1420408	MBLK-1420408	Decachlorobiphenyl	87%	40-140
MBLK-1420408	MBLK-1420408	Tetrachioro-m-xylene	67%	40-140
MSPK-1420408	MSPK-1420408	Decachlorobiphenyl	80%	40-140
MSPK-1420408	MSPK-1420408	Tetrachloro-m-xylene	76%	40-140

^{*} Recovery outside limits

INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: <u>1420408</u> Contract: <u>N/A</u>

Determination: 8082 PCB Aroclors <Wipe>

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R000201	CCV-1-1016 -1260	PCB_2014-2-6	11/19/2014	Aroclor-1016	0.1	0.1	ug/mL	100	80-120
		PCB_2014-2-6	11/19/2014	Aroclor-1260	0.1	0.1	ug/mL	100	80-120
	CCV-1-1254	PCB_2014-2-7	11/19/2014	Aroclor-1254	0.1	0.1	ug/mL	100	80-120
	CCV-2-1016 -1260	PCB_2014-2-6	11/19/2014	Aroclor-1016	0.1	0.103	ug/mL	103	80-120
		PCB_2014-2-6	11/19/2014	Aroclor-1260	0.1	0.086	ug/mL	86	80-120
	CCV-2-1254	PCB_2014-2-7	11/19/2014	Aroclor-1254	0.1	0.104	ug/mŁ	104	80-120

% Rec Percent recovery

FORM PAS-RSR-1.0 Date Printed: 12/4/2014 13:51 Page 1 of 1

^{* --} Percent recovery not within control finits

CHAIN of CUSTODY

1420308



4708 Aurora Ave N. Seattle, WA 98103 SAMPLE LOG p 206.547.0100 | f 206.634.1936 | www.nvllabs.com NVL Batch Number Client NVL Laboratories Inc Client Job Number 2012-494 Street 4708 Aurora Ave N Total Samples Seattle, WA 98103 ☐ 1 Hr ☐ 2 Hrs 1 10 Project Manager Munaf Khan Turn Around Time Project Location 3100 Airport Way South 4 Hrs 2 K 5 Day Seattle, WA 98134 Please call for TAT less than 24 Hrs Email address Fax: (206) 447-0299 Phone: (206) 447-0263 Asbestos Air PCM (NIOSH 7400) TEM (NIOSH 7402) TEM (AHERA) TEM (EPA Level II) Asbestos Bulk PLM (EPA/600/R-93/116) PLM (EPA Point Count) PLM (EPA Gravimetry) TEM BULK Mold/Fungus Mold Air Mold Bulk Rotometer Calibration Other Metals METALS Det. Limit Matrix **RCRA Metals** B IIA X All 3 Soil Chromium (C X Total Metals Air Filter Arsenic (As) FAA (ppm) Copper (Cu) Paint Chips in % Barium (Ba) TCLP Drinking water Lead (Pb) ¥ ICP (ppm) X Nickel (Ni) Paint Chips in cr Cadmium (Cd) X Dust/wipe (Area) Cr 6 Mercury (Hg) GFAA (ppb) XZinc (Zn) Other Types Fiberglass Nuisance Dust Other (Specify) of Analysis Silica Respirable Dust Condition of Package: Good Damaged (no spillage) Severe damage (spillage) Seq. # Lab ID Client Sample Number Comments AREA A/R 1 42 10-400 - M - 1 SUTH WINDOW 2 10-400 -M.Z MIDDLE WINDOW 3 WOOLING HTAGA SOUTH WINDOW 4 FLOSI 5 5 MIDDLE WINDOW FLOUR 6 NOATH WINDOW 7 PROSELLON 8 KITCHEN SHELF 9 9 DUPLICATE - SOUTH WINDOW NA 10 10 BLANK 1) 1/2/12 11 12 10-300 - M SUNTH WINDOW f72 13 NONTH 10-300 -M WINDOW 14 WINDOW 15 WINDOW FWSA Print Below Sian Below Company Sampled by MARCUS 10:00 Relinquished by Received by Analyzed by Results Called by Results Faxed by Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis. Results report to

PAOR 107

NVL Laboratories, Inc. 4708 Aurora Ave N. Seattle, WA 98103

CHAIN of CUSTODY SAMPLE LOG

1420309



p 206.547.0100 | f 206.634.1936 | www.nvllabs.com NVL Batch Number Client NVL Laboratories Inc Client Job Number 2012-494 Street 4708 Aurora Ave N Total Samples 33 Seattle, WA 98103 1 Hr 6 Hrs 2 Hrs 1 4 Hrs 2 Turn Around Time 1 Hr 2 Hrs __ 10 Project Manager Munaf Khan Project Location 3100 Airport Way South M 5 DA-Seattle, WA 98134 Please call for TAT less than 24 Hrs Email address Phone: (206) 447-0263 Fax: (206) 447-0299 TEM (NIOSH 7402) TEM (AHERA) TEM (EPA Level II) Asbestos Air PCM (NIOSH 7400) PLM (EPA Gravimetry) Asbestos Bulk PLM (EPA/600/R-93/116) PLM (EPA Point Count) Mold/Fungus Mold Air Mold Bulk Rotometer Calibration Other Metals Matrix **RCRA Metals** B IIA METALS Det. Limit X All 3 X Total Metals Air Filter Soil Arsenic (As) Chromium (C FAA (ppm) Copper (Cu) Paint Chips in % Barium (Ba) TCLP Drinking water Lead (Pb) ICP (ppm) Nickel (Ni) ☐ GFAA (ppb) ☑ Dust/wipe (Area) ☐ Paint Chips in cr ☐ Cadmium (Cd) Mercury (Hg) Cr 6 Zinc (Zn) Other (Specify) Fiberglass Nuisance Dust Other Types Silica Respirable Dust of Analysis Severe damage (spillage) Condition of Package: Good Damaged (no spillage) Client Sample Number Comments AREA A/R Seq. # Lab ID 1 A2 10-300-M-5 FRIGE 1 HUT HOO CABINET 2 10-3w-M-TOP of TUP of HOO CABINET 3 DUPLILATE -NA BLANK 4 5 10-200 - M IN FRONT 6 TABLE NEAR WINDOW 10-200 7 TUP BLALL. SHELVING TOP 8 FRIGE FRIGE 9 FLOUR DUPLICATE - FLOUR IN FRONT 10 11 FIELD BLANK 11-200-IN FRUNT of MINDOW 12 of N. 13 11-200 FLOUR 12 FROM WINDOW 11-200-14 STUM DULT TUP 15 ALUSTIC Print Below Sian Below Company 10:00 Sampled by MARCUS 16:30 Relinquished by Received by 12:30 Analyzed by Results Called by Results Faxed by Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis. Results report to

NVL Laboratories, Inc. 4708 Aurora Ave N, Seattle, WA 98103

CHAIN of CUSTODY SAMPLE LOG

1420310



p 205.547.0	100 f	206.634.1936	www.nvllabs.	.com				1 120		
	Client	NVI Labo	ratories Inc				tch Number			
		4708 Auro			-		ob Number 2012	-494		
	Street	Seattle, V				То	tal Samples 33			
Project M	anager	Munaf Kh				Turn Are	ound Time 1 Hr	☐ 6 Hrs ☐ 3		
Project Lo	cation	3100 Airp	ort Way Sout	th			☐ 2 Hrs			
Toject Lo	Cation	Seattle, W	/A 98134				-	lease call for TAT	.	Hrs
						Em	ail address			
	Phone:	(206) 447	-0263 Fa	x: (206) 44	17-0299					
Asbe	stos Ai	r PCM	(NIOSH 7400) TEM	(NIOSH 7402) TEM	(AHERA) TEN	(EPA Level II)	Other	
Asbe	stos Bu	JIK PLM	(EPA/600/R-9	3/116)	PLM (EPA Po	int Count)	☐ PLM (EPA Gra	vimetry) T	EM BULK	
Mold	/Fungu	s	Air Mold	Bulk	Rotometer Ca	alibration				
METALS Total TCLP Cr 6	Metals	Det. Lin ☐ FAA ☑ ICP ☐ GFA	(ppm) Air	x Filter inking water ist/wipe (Are			RCRA Metals Arsenic (As) Barium (Ba) Cadmium (Cd)	☐ All 8 ☐ Chromium (☐ Lead (Pb) ☐ Mercury (He	Copp	er (Cu)
Othe				sance Dust		Specify)				
	alysis	Silica .		snirable Dus) d	(:)			
	n of Pa	ckage:	T	maged (no s	1	severe dan	nage (spillage)			
Seq.#	Lab I	D			Comments	- 5:1	_		AREA	A/R
1			11-200 -1		WHIT				1/2 Fr2	
2			11-200-1		DUPCICAT		on, 5 wil	vaw	1 6-2	
3			4	7	FIELD	Beance			NA	
4										-
5										-
6										-
7										-
8										
9										-
10										
11										-
12										
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15					_					1
		by MARL		Sign Bel	OW (LVI LAS	> Dat	12/14/11	ن.دى
	guished	17	hatta	OR	*		10. 11.1		1	(30
	eceived	ON	and way	- Joh	1	Δ	Mulla) //		30_
	nalyzed		alimitas	EV /	C		por	11/1	1/19/12	. 300
Results				-						
Results	s Faxed	by								
Special Results			less requested	d in writing,	all samples wi	Il be dispos	ed of two (2) weeks	after analysis.		
				11/2	0					

4708 Aurora Ave N, Seattle, WA 98103

CHAIN of CUSTODY SAMPLE LOG

1420311



p 206.547.0100 1	206.634.1936	5 www.nvlla	bs.com				1720	01		
Client	NVL Lab	oratories Inc	C			ch Number				
		ora Ave N			Client J	ob Number 201	2-494			
		VA 98103			Tot	al Samples 3	3			
roject Manager	Munaf Kh	nan			Turn Aro	und Time 2 H	r 6 Hrs		10	
roject Location			outh			_ 2 H	rs 🗌 1	4 (5 Da-1		
	Seattle, V	VA 98134					Please call for T		n 24 Hr	·¢
					Ema	ail address				
	(206) 447		Fax: (206) 44			_				
Asbestos A		(NIOSH 74	-	(NIOSH 7402		(AHERA) TE			her	
Asbestos B			1	PLM (EPA Po		☐ PLM (EPA G	ravimetry)	TEM BUI	LK	
Mold/Fungu				Rotometer Ca				Oth	er Met	tolo
METALS Total Metals TCLP Cr 6		(ppm) (ppm) AA (ppb)	Air Filter Drinking water Dust/wipe (Are	a) Paint	Chips in % [Chips in cr [RCRA Metals Arsenic (As) Barium (Ba) Cadmium (Cd)	☐ All 8 ☐ Chromiur ☐ Lead (Pb) ☐ Mercury	m (C	All 3 copper lickel (I	(Cu
of Analysis	Silica	a R	esnirable Dust	t Réi	PORTING	LIMIT of	0.050 N	1/WIPE		
Condition of Pa	ckage:	Good D	amaged (no s	pillage)	Severe dama	age (spillage)	,	A	REA	
Seq. # Lab I	D	Client Sar	mple Number	Comments				1	Plate.	A/F
1		10-400-	PCB-1	SOUTH	LUCUM			100	omi	
2		10-400 -	PLB - 2	MIDDLE						
3			3	NONTH	WINDOW)				
4			4	SUTH 1	WINDOW F	win				
5			5		WINDIN					
6		1	6		MINDON	FLOOR				
7			7	PROJECT						
8			8		EN SHE					
9			9			14 WINDOW	1 From		\perp	
10			10	FIELD	BLANK			NA	+	
11		4	0.0	BUST		,			+	
12		10-300		SOUTH	MINDO				+	
13	-	10 - 300	- PCB - 2	NONTH	WINDO	24			\perp	-
14			3	HTVUZ	WINDOW				-	
15		*	7	NONTH	WINDLY	FLOOR		- 1	A	
	Print B		Sian Belo	W		Company			Time	
	by MAN	us Guo	190 - 8	1		NUL W	68 1	1/12/14	10.0	
Relinquished	1 1	hinton	2	1. 79 C.		nuite	7	7	16:3	-
Received Analyzed		lin Pat	-0	Dia		June	no II	1/2/14	160	
Results Called		(mix 1 ag	2	300		700		111/14	100	, 0
Results Faxed										
						1				
Special Instruction Results report to				,		d of two (2) week		i.		
			OE 1							

4708 Aurora Ave N, Seattle, WA 98103

CHAIN of CUSTODY SAMPLE LOG

		NVI	1
1	^	В	S

Client NVL Batch Number Client Job Number	06.547.0100 f 206.634.1936 www.nvllabs.com	1420312
Street 4708 Aurora Ave N Seattle, WA9 98103	Client NVL Laboratories Inc	
Seattle WA 98103		Client Job Number 2012-494
Seattle, WA 98134 Fhone: (206) 447-0263 Fax: (206) 447-0299 Asbestos Air PCM (NIOSH 7400) TEM (NIOSH 7402) TEM (AHERA) TEM (EPA Level II) Other Asbestos Bulk PLM (EPA/600/R-93/116) PLM (EPA Point Count) PLM (EPA Gravimetry) TEM BULK Mold/Fungus Mold Air Mold Bulk Rotometer Calibration METALS Obt. Limit FAA (ppm) Air Filter Soil Arsenic (As) Chromium (C Ali 3 Crof GFAA (pph) Dustwipe (Area) Paint Chips in or Cadmium (Cd) Mercury (Hg) Zinc (Zn) Klother Types Fiberglass Nuisance Dust Soil Chips in or Cadmium (Cd) Mercury (Hg) Zinc (Zn) Klother Types Fiberglass Nuisance Dust Rescuirable Pust Onther (Specify) PCB's Gulk WPF FA 8822 Ordition of Package: Good Damaged (no spillage) Seq. # Lab ID Client Sample Number Comments 1 10-300-PCB - 5 TOP of FRIGE 100 CAF 2 10-300-PCB - 5 TOP of FRIGE 100 CAF 3 TOP of FRIGE 100 CAF 4 8 FIELD BLANK 5 10-200-PCB - 1 FROM IN FRONT of WINDOW 6 10-200-PCB - 1 FROM IN FRONT of WINDOW 7 3 TOP of FRIGE 9 5 FROM BELOW FRIGE 9 6 DURLLOTT - FLOW IN FRONT OF WINDOW 11 1 7 FIELD BLANK 11 200-PCB - 2 FLOW IN FRONT OF WINDOW 12 11-200-PCB - 2 FLOW IN FRONT OF WINDOW 13 11-200-PCB - 2 FLOW IN FRONT OF WINDOW 14 15 YOU LALS WINDOW NAME OF THE SAMPLE OF THE SAMP	Son DOSCO Promition Management	Total Samples 33
Seattle, WA 98134 Seattle, WA 9814 Seattle, W	ject Manager Munaf Khan	
Seattle, WA 98134 Email address		
Phone: (206) 447-0263 Fax: (206) 447-0299 Asbestos Air	Seattle, WA 98134	
Asbestos Air		
Asbestos Bulk PLM (EPA/600/R-93/116) PLM (EPA Point Count) PLM (EPA Gravimetry) TEM BULK Mold/Fungus Mold Air Mold Bulk Rotometer Calibration ETALS Det. Limit Matrix Paint Chips in Reserve (As) Chromium (C All 3 All 3 Total Melas FAA (ppm) Air Filter Soil Arsenic (As) Chromium (C All 3 Total Melas FAA (ppm) Air Filter Soil Arsenic (As) Chromium (C Copper (C G G G A (ppb) Dust/wipe (Area) Paint Chips in or Cadmium (Cd) Mercury (Hg) Zinc (Zn) Copper (C G G G G A (ppb) Dust/wipe (Area) Paint Chips in or Cadmium (Cd) Mercury (Hg) Zinc (Zn) Copper (C G G G G G A (ppb) Dust/wipe (Area) Paint Chips in or Cadmium (Cd) Mercury (Hg) Zinc (Zn) Copper (C G G G G G G G G G G G G G G G G G G		
Mold/Fungus		
Natrix Sali Aris		
Total Metals FAA (ppm) Air Filter Soil Arsenic (As) Chromium (C Copper (CL CF) CF CF CF CF CF CF C		
Sampled by Received by Analyzed by Received by Analyzed by Received by Analyzed by Results Faxed Based Faxed	TCLP ICP (ppm) Drinking water Pai Pai Drinking water Drinking water Pai Drinking water Drinking wat	The Chips in % Barium (Ba) Lead (Pb) Copper (Cunt Chips in cr Cadmium (Cd) Mercury (Hg) Zinc (Zn) Tr (Specify) PCB's BULK W.PE - EPA 8082
1 10.300-PCB-5 TOP OF FRIGE 100.300-PCB-6 TOP OF HOT H2O CABINET 3 7 PUPLICATE - TOP OF H2O CABINET 4 8 FIELD BLANK NA 5 10.200-PCB-1 FLOOR IN FRONT OF WINDOW 6 10.200-PCB-1 FLOOR IN FRONT OF WINDOW 7 3 TOP OF BLACK SHELVING 8 4 TOP OF FRIGE 9 5 FLOOR BELOW FRIGE 10 6 DURLICATE - FLOOR IN FRONT OF WINDOW 11 7 THEO BLANK NA 12 11.200-PCB-2 FLOOR IN FRONT OF WINDOW 13 11.200-PCB-2 FLOOR IN FRONT OF NO WINDOW 14 3 TOP OF STEAM POUT 15 Y TOP OF WACUSTIC WALL 16 3 TOP OF STEAM POUT 17 TOP OF WACUSTIC WALL 18 YOUR BEING WALL 19 TOP OF WACUSTIC WALL 19 TIME 19 WALL WAS 11/12/14 10:00 19 Cesults Called by 10 WALL WAS 11/12/14 16:00 10 WALL WAS 11/12/14 16:00		
2 10.300-PLB - 6 TOP OF HOT HOO CABINET 3 7 PUPLICATE - TOP OF HOO CABINET 4 8 FIELD BLANK NA 5 10.200-PCB-1 FLOOR IN FRONT OF WINDOW 6 10.200-PCB-1 FLOOR IN FRONT OF WINDOW 7 3 TOP OF BLACK SHELVING 8 4 TOP OF FRIGE 9 5 FLOOR BELOW FRIGE 10 6 DURLICATE - FLOOR IN FRONT OF WINDOW 11 7 RELD BLANK 12 11.200-PCB-1 FLOOR IN FRONT OF NUMBOW 13 11.200-PCB-2 FLOOR IN FRONT OF NUMBOW 14 3 TOP OF STEAM POIT 15 Y TOP OF W ACCUSTIC WALL Sampled by MARKEY GUMB Sign Below Sign Below Received by AMMORIAN GULLLAR ALL LABS 11/12/14 10:00 Rellinquished by Analyzed by Frolyn Almy WILLIAM 11/12/14 16:00 Results Called by Results Faxed by Results Faxed by		11-11:10
7 PUPLICATE - TOP OF H20 (ABIN'ZT 4 8 FIELD BLANK 5 10.200-PCB-1 FLOOR IN FRONT OF WINDOW 6 10.200-PCB-2 TOP OF TABLE NEAR WINDOW 7 3 TOP OF BLACK SHELVING 9 5 FLOOR BELOW FRIGE 10 6 DURLLATE - FLOOR IN FRONT OF WINDOW 11 7 RELD BLANK 12 11.200-PCB-2 FLOOR IN FRONT OF WINDOW 13 11.200-PCB-2 FLOOR IN FRONT OF N WINDOW 14 3 TOP OF STEAM POLT 15 Y TOP OF W ACCUSTIC WALL Print Below Sampled by MARTIN CUMB Sign Below Received by Almorron Rellinquished by Almorron R		
8 FIELD BLANK 10-200-PCB-1 FLOOR IN FRONT OF WINDOW 10-200-PCB-2 TOP OF TABLE NEAR WINDOW 7 3 TOP OF FRIGE 9 5 FLOOR BELOW FRIGE 10 6 DURLATE - FLOOR IN FRONT OF WINDOW 11 7 RELD BLANK 11 200-PCB-1 FLOOR IN FRONT OF WINDOW 12 II-200-PCB-2 FLOOR IN FRONT OF N WINDOW 13 II-200-PCB-2 FLOOR IN FRONT OF N WINDOW 14 TOP OF W ACUSTIC WALL Sampled by MARIN CUMB Sion Below Relinquished by ARMAN CUMB SION BELOW Received by ARMAN CUMB ALLER III/2/14 10:00 Relinquished by ARMAN CUMB ALLER III/2/14 16:00 Results Called by Evelyn Atmany Cumb Results Faxed by Evelyn Atmany Cumb Results Faxed by		
10 - 200 - PCB - 1 FLOOR IN FRONT OF WINDOW 7 3 TOP OF BLACK SHELVING 8 4 TOP OF FRIGE 9 5 FLOOR BELOW FRIGE 10 6 DURLLATE - FLOOR IN FRONT OF WINDOW 11 7 THELD BLANK 12 11 200 PCB - 2 FLOOR IN FRONT OF NUMBOW 13 11 200 PCB - 2 FLOOR IN FRONT OF NUMBOW 14 TOP OF WACUSTIC WALL Sampled by MARING GUMB Sign Below Received by AMARINGA SULFACE Received by FRINTAMAN SIGN BLOOR IN FLOOR IN FLO	POILE	
10 200 PB 2 TOP OF TABLE NEAR WINDOW 1 TOP OF FRIGE 9 S FLOWN BELOW FRIGE 10 6 DUPLICATE - FLOWN IN FRONT OF WINDOW 11 TOP OF STEAM POIT 12 11-200 PB - 2 FLOWN IN FRONT OF N WINDOW 13 11-200 PB - 2 FLOWN IN FRONT OF N WINDOW 14 3 TOP OF STEAM POIT 15 Y TOP OF W ACCUSTIC WALL 16:30 Received by Print Below Sign Below NL WAS 11/12/14 10:00 Received by Print Below Analyzed by FOLY Atmospheric Wall Point Wall Palm 11/12/14 16:00 Results Called by Received by Palmonton Alle Hay NV Labs 11/12/14 16:00		
TOP OF BLACK SHELVING 8 4 TOP OF FRIGE 9 5 FLOON BELOW FRIGE 10 6 DUPLICATE - FLOON IN FRONT OF WINDOW 11 12 11 200 RB - I FLOON IN FRONT OF NUMBER 13 11 200 PCB - Z FLOON IN FRONT OF NUMBER 14 3 TOP OF STEAM POIT 15 4 TOP OF W ACCUSTIC WALL PRINT BEIOW Sign Below Received by Annua Cumb Received by		
4 TOP OF FRIGE 9 S FLOOR BELOW FRIGE 10 6 DURLLATE - FLOOR IN FRONT OF WINDOW 11 7 FIELD BLANK 12 11 200 RB - 1 FLOOR IN FRONT OF S WINDOW 13 11 200 PLB - 2 FLOOR IN FRONT OF N WINDOW 14 3 TOP OF STEAM POIT 15 Y TOP OF W ACCUSTIC WALL Sampled by Markey Curried Sign Below Received by Administration of Markey Company Received by Administration of Markey Curried William 11/12/14 10:00 Results Called by Results Called by Results Called by		
S FLOOR BELOW FRIGE 10 6 DUPLICATE - FLOOR IN FRONT OF WINDOW 11 12 11 - 200 RB - 1 FLOOR IN FRONT OF NUMBER 13 11 - 200 PLB - 2 FLOOR IN FRONT OF NUMBER 14 15 16 TOP OF STEAM POLT 17 18 Sampled by Marrier Gunter Sign Below Received by Almorthan Received by Almorthan All lah 11 2/14 16:00 Results Called by Results Called by Results Faxed by		
6 DURLLATE - FLOOR IN FRONT OF WINDOW 11 7 RELD BLANK 12 11 200 RB - 1 FLOOR IN FRONT OF S VINDOW 13 11 200 PLB - 2 FLOOR IN FRONT OF N WINDOW 14 3 TOP OF STEAM POLT 15 4 TOP OF W ACCUSTIC WALL Print Below Sign Below NUL WAS 11/12/14 10:00 Relinquished by Received by Amount Gumb All Lab 11/12/14 16:00 Results Called by Results Faxed by Results Faxed by	101	
11 1 1 200 RB - 1 FLOOL IN FRONT OF S WINDOW 13 11-200 PCB - 2 FLOOL IN FRONT OF N WINDOW 14 3 TOP OF STEAM PORT 15 YOUR OF W ACCUSTIC WALL Sampled by Manus Cumb Sign Below Company Date Time NUL WAS 11/12/14 10:00 Received by Amountum Allegar NUL Was 11/12/14 16:00 Received by Frolyn Atmosphere Company NUL Was 11/12/14 16:00 Results Called by Results Faxed by	, racie	
12 11-200-RB-1 FLOOL IN FRONT OF S WINDOW 13 11-200 PCB - 2 FLOON IN FRONT OF N WINDOW 14 3 TOP OF STEAM PORT 15 4 TOP OF W ACUSTIC WALL Print Below Sign Below Company Date Time Sampled by Manus Gunts WL Was 11/12/14 10:00 Relinquished by Analyzed by Frolyn Athan Multiple Results Called by Results Faxed by Results Faxed by	Pileto	
13 II-200 PLB - 2 FLOON IN FRONT OF NOWNDOW 14 3 TOP OF STEAM PORT 15 4 TOP OF W ACCUSTICE WALL Print Below Sign Below Company Date Time Sampled by Marries Gurner WL W.S. III/2/14 10:00 Received by Amountum Allerton Allerton NV Labs III/2/14 16:00 Results Called by Results Faxed by		
Top of STEAM POST 15 Print Below Sian Below Company Date Time Sampled by Manus Gumb NL Luns III/2/14 10:00 Received by Amountum Alletta New Labs III/2/14 16:00 Results Called by Results Faxed by		
Print Below Sign Below Company Date Time NUL Was III/12/14 10:00 Relinquished by Analyzed by Frolyn Atrial Stable NUL Labs III/19/14 16:00 Results Called by Results Faxed by		
Sampled by Manus Gumbs Sign Below Wil Labs 11/12/14 10:00 Relinquished by Annow Gumbs 16:30 Received by Analyzed by Evolyn Ahm William NV Labs 11/12/14 16:00 Results Called by Results Faxed by		
Relinquished by Annus Cumb William 11/12/14 10:00 Received by Annus Cumb William 11/12/14 16:30 Analyzed by Evolyn Ahm William NV Labs 11/17/14 16:00 Results Called by Results Faxed by		
Received by Amorthan Allelia New Labs 11/19/14 16:00 Results Called by Results Faxed by		1011
Received by Form Man Gluttan Ault lah 111 114 16 30 Analyzed by Everyn Atron Standard NV Labs 11/19/14 16:00 Results Called by Results Faxed by		19-1
Analyzed by Evolyn Ahm & Soulu NVC Labs 11/19/14 16:00 Results Faxed by		4
Results Called by Results Faxed by	1 50 1 9 60	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Results Faxed by		10,00
	esults Called by	

PAGE 2 of 3

NVL Laboratories, Inc. 4708 Aurora Ave N. Seattle, WA 98103

CHAIN of CUSTODY SAMPLE LOG

1420313



Client NVL Laboratories Inc			oratories Inc	NVL Batch Number					
Street 4708 Aurora Ave N				Client Job Number 2012-494					
			NA 98103	Total Samples 33					
roject M	anager N			Turn Around Time 1 Hr 6 Hrs 3	10				
roject I o	ocation 3	100 Aire	port Way South	2 Hrs 1 4 4 Hrs 2 🔀 5	On I				
oject Lo			VA 98134	Please call for TAT le	1				
				Email address					
	Phone: (206) 447	7-0263 Fax: (206)) 447-0299					
Asbe	stos Air	PCM	M (NIOSH 7400)	EM (NIOSH 7402) TEM (AHERA) TEM (EPA Level II)	Other				
Asbe	stos Bull	D PLM	(EPA/600/R-93/116)	PLM (EPA Point Count) PLM (EPA Gravimetry) TE	EM BULK				
Mold	/Fungus	Mole	d Air Mold Bulk	Rotometer Calibration					
Cr 6	Metals	☐ ICP	A (ppm) Air Filter	(Area) Paint Chips in cr Cadmium (Cd) Mercury (Hg	Copper (Cu Nickel (Ni) Zinc (Zn)				
	nalysis	Silica	a Resnirable [Dost					
Conditio	n of Pack	age:	Good Damaged (n	no spillage) Severe damage (spillage)					
Seg. #	Lab ID		Client Sample Num	iber Comments	AREA A/F				
1			11-200-PCB-5	5 WHITE CHAIR	100 CM2				
2			11-200 - PLB - 6	DUPLICATE - FLOOR, S WINDOW	1 1				
3			11-200 - PCB - 7		1 to NA				
4									
5									
6									
7									
8									
9									
10									
11									
12									
12 13 14									
12 13		Drint I	Below Sign	Relow Company Date	Time				
12 13 14 15	Sampled			Below Company Date NV L LAG S II	Time				
12 13 14 15	Sampled I	y MAR			12/14/0:00				
12 13 14 15 S	quished l	y MAR	WS GLAMAN						
12 13 14 15 S Reline	quished l leceived l	by Mark	himatian (12/14/0:00				
12 13 14 15 S Reline	quished l leceived l analyzed l	by Mark by Aff by Sh	WS GLAMAN		12/14/0:00				
12 13 14 15 S Reline R A Result:	quished l leceived l	by Mark by Affi by Sha	himatian (12/14/0:00				

PACIE 3 of 3

NVL Laboratories, Inc. 4708 Aurora Ave N, Seattle, WA 98103

CHAIN of CUSTODY SAMPLE LOG

1420408	14	.2	0	4	0	8
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p 206.547.0100 | f 206.634.1936 | www.nvllabs.com **NVL Batch Number** Client NVL Laboratories Inc Client Job Number 2012-494 Street 4708 Aurora Ave N **Total Samples** Seattle, WA 98103 10 Turn Around Time Project Manager Munaf Khan 4 Project Location 3100 Airport Way South X 5 DAY Seattle, WA 98134 Please call for TAT less than 24 Hrs Email address Fax: (206) 447-0299 Phone: (206) 447-0263 Asbestos Air PCM (NIOSH 7400) TEM (NIOSH 7402) TEM (AHERA) TEM (EPA Level II) PLM (EPA Point Count) PLM (EPA Gravimetry) TEM BULK Asbestos Bulk PLM (EPA/600/R-93/116) Mold Air Mold Bulk Rotometer Calibration Mold/Fungus Other Metals All 8 **RCRA Metals** Det. Limit Matrix METALS All 3 Soil Chromium (C Air Filter Arsenic (As) Total Metals FAA (ppm) Copper (Cu) Paint Chips in % Barium (Ba) Drinking water Lead (Pb) TCLP CP (ppm) Nickel (Ni) Paint Chips in cr Cadmium (Cd) Mercury (Hg) Dust/wipe (Area) Cr 6 GFAA (ppb) Zinc (Zn) X Other (Specify) PCB'S - BULK WIPE - EPA X Other Types Fiberglass Nuisance Dust RL of 0.05 mg/wiDE IS NEEDED of Analysis Silica Respirable Dust Severe damage (spillage) Condition of Package: Good Damaged (no spillage) A/R AREA Client Sample Number Comments Seq. # Lab ID 111314 - PCB - 1 10-200, FLOOR UNDER 100 CM 1 10-200, FLOOR UNDER WHITEBOARD N, PRE-CLEAN 2 - 200, FLOOR UNDER 4 BIANU NIA FIELD 5 6 7 8 9 10 11 12 13 14 15 Company Time 13:30 Sampled by MANUS CLADON 15:15 Relinquished by Received by Analyzed by Results Called by Results Faxed by Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis. 0.05 mg/WIPE Results report to NEEDED



December 31, 2014

Mr. Munaf Khan NVL Field Services Division 4708 Aurora Ave. N. Seattle, 98103

Re: NVL Batch 1422605.00

Project Name/Number: N/A

Project location: 3100 Airport Way South Seattle, WA 98134

Dear Mr. Khan,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytical report.

This report is kept as a confidential document and will not be released without your approval. Samples are archived for two weeks following analysis. Remaining samples that are not retrieved by the customer will be discarded after two weeks.

We suggest contacting your local regulatory agencies if you need additional information pertaining to current regulatory levels or permissible exposure limits.

Thank you for using our laboratory services. Please do not hesitate to call if you have any questions regarding the test results.

Sincerely,

Nick Ly, Technical Director

Enclosure: Sample Results

ANALYSIS REPORT



Polychlorinated Biphenyls by Gas Chromatography

Client SDG Number Date Reported Project Number Location	NVL Field Services Division 1422605.00 01/02/2015 N/A 3100 Airport Way South Se 98134	Analyzed By Samples Analyzed* Analysis Method	6 Shalini Patel 6 8082A 3546PR (PCB) * for this test only		
Sample Numbe	r A-1219-10-200	Received	12/22/2014		
Lab Sample ID	14151534	Matrix	Dust Wipe		
Initial Sample Siz	e 100 cm2	Units of Result	ug/100cm2		
Analyte		NOTE OF THE RESERVE	Final Result Analysis Date	W.S	
Aroclor-1016		0.050	< 0.050 12/23/2014		
Aroclor-1221		0.050	< 0.050 12/23/2014		
Aroclor-1232		0.050	< 0.050 12/23/2014		
Aroclor-1242	美。他是在大大大型工作,然后是	0.050	< 0.050 12/23/2014		
Aroclor-1248		0.050	< 0.050 12/23/2014		
Aroclor-1254		0.050	1.3 12/23/2014		
Aroclor-1260		0.050	1.1 12/23/2014		
PCBs, Total Comments: BLDG 10-200 in Front of window		0.050	2.4 12/23/2014		
Sample Numbe	er B-1219-10-300	Received	12/22/2014		
Lab Sample ID	14151535	Matrix	Dust Wipe		
Initial Sample Si	ze 100 cm2	Units of Result	ug/100cm2		
Analyte		RL	Final Result Analysis Date		
Aroclor-1016		0.050	< 0.050 12/23/2014		
Aroclor-1221		0.050	< 0.050 12/23/2014		
Aroclor-1232		0.050	< 0.050 12/23/2014		
Aroclor-1242		0.050	< 0.050 12/23/2014		
Aroclor-1248		0.050	< 0.050 12/23/2014		
Aroclor-1254		0.050	0.41 12/23/2014		
Aroclor-1260		0.050	0.22 12/23/2014		
PCBs, Total		0.050	0.63 12/23/2014		

Comments: BLDG 10-300 South Window Sill

ANALYSIS REPORT



Polychlorinated Biphenyls by Gas Chromatography

Sample Number	C-1219-10-300	Received	12/22/2014			
Lab Sample ID	14151536	Matrix	Dust Wipe			
Initial Sample Size	100 cm2	Units of Result	ug/100cm2			
Analyte		RL	Final Result Analysis Date			
Aroclor-1016		0.050	< 0.050 12/23/2014			
Aroclor-1221		0.050	< 0.050 12/23/2014			
Aroclor-1232		0.050	< 0.050 12/23/2014			
Aroclor-1242		0.050	< 0.050 12/23/2014			
Aroclor-1248		0.050	< 0.050 12/23/2014			
Aroclor-1254		0.050	0.086 12/23/2014			
Aroclor-1260		0.050	< 0.050 12/23/2014			
PCBs, Total Comments: BLDG 10-300 No	orth Window Sill	0.050	0.086 12/23/2014			
Sample Number	D-1219-10-300	Received	12/22/2014			
Lab Sample ID	44454507		Dust Wipe			
Lab Gampic ib	14151537	Matrix	Dust Wipe			
·	14151537 100 cm2	Matrix Units of Result	Dust Wipe ug/100cm2			
Initial Sample Size			·			
Initial Sample Size		Units of Result	ug/100cm2			
Initial Sample Size Analyte Aroclor-1016		Units of Result	ug/100cm2 Final Result Analysis Date			
Initial Sample Size Analyte Aroclor-1016 Aroclor-1221		Units of Result RL 0.050	ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014			
Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232		Units of Result RL 0.050 0.050	ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014 < 0.050 12/23/2014			
Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242		Units of Result RL 0.050 0.050 0.050	ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014			
Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248		Units of Result RL 0.050 0.050 0.050 0.050	ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014			
Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260		Units of Result RL 0.050 0.050 0.050 0.050 0.050	ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014			

Comments: BLDG 10-300 South Window Floor

ANALYSIS REPORT



Polychlorinated Biphenyls by Gas Chromatography

Sample Number E-1219-10-400 Lab Sample ID 14151538		Received	12/22/2014		
		Matrix	Dust Wipe		
Initial Sample Size	100 cm2	Units of Result	ug/100cm2		
Analyte		RL	Final Result Analysis Date		
Aroclor-1016		0.050	< 0.050 12/23/2014		
Aroclor-1221		0.050	< 0.050 12/23/2014		
Aroclor-1232		0.050	< 0.050 12/23/2014		
Aroclor-1242		0.050	< 0.050 12/23/2014		
Aroclor-1248		0.050	< 0.050 12/23/2014		
Aroclor-1254		0.050	0.11 12/23/2014		
Aroclor-1260		0.050	0.074 12/23/2014		
PCBs, Total Comments: BLDG 10-400 so	outh Window Floor	0.050	0.184 12/23/2014		
Sample Number	F-1219-10-FB	Received	12/22/2014		
-	F-1219-10-FB 14151539	Received Matrix	12/22/2014 Dust Wipe		
Lab Sample ID					
Lab Sample ID Initial Sample Size	14151539	Matrix	Dust Wipe		
Lab Sample ID Initial Sample Size	14151539	Matrix Units of Result	Dust Wipe ug/100cm2		
Lab Sample ID Initial Sample Size Inalyte Aroclor-1016	14151539	Matrix Units of Result RL	Dust Wipe ug/100cm2 Final Result Analysis Date		
Lab Sample ID Initial Sample Size Inalyte Aroclor-1016 Aroclor-1221	14151539	Matrix Units of Result RL 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014		
Lab Sample ID Initial Sample Size Inalyte Aroclor-1016 Aroclor-1221 Aroclor-1232	14151539	Matrix Units of Result RL 0.050 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014 < 0.050 12/23/2014		
Lab Sample ID Initial Sample Size Inalyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242	14151539	Matrix Units of Result RL 0.050 0.050 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014		
Sample Number Lab Sample ID Initial Sample Size Analyte Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	14151539	Matrix Units of Result RL 0.050 0.050 0.050 0.050	Dust Wipe ug/100cm2 Final Result Analysis Date < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014 < 0.050 12/23/2014		

0.050

<0.05 12/23/2014

Comments: Field Blank(collected 12-22-2014), Result based on the assumption that 100cm2 was wiped.

PCBs, Total

CHAIN of CUSTODY SAMPLE LOG

1422605



4708 Aurora Ave N, Seattle, WA 98103 SAMPLE L p 206.547,0100 | f 206.634.1936 | www.nvllabs.com

Client	NVL Labo	ratories Inc				tch Number				
	4708 Aurora Ave N			Client Job Number 2012-494						
Otreet	Seattle, WA 98103			To	Total Samples					
Project Manager					- Turn Δrα	ound Time 🗌 1 H	r 🔲 6 Hrs	☐ 3 Day	rs 🗌 10 🗅	ays
Project Wanager	3100 Airn	ort Way South			- 10/11/210					
roject Location	Seattle, W	/A 98134			2	∐ 4 H	rs 2 Days			
	Ocatile, vi	71 00 10-			= Em	nail address	Please call for	IAIIess	tnan 24 Hr	S
Phone	: (206) 447	-0263 Fax:	(206) 447	7-0299	ÇII.	iali audiess				
Asbestos A	ir PCM	(NIOSH 7400)	TEM (N	IIOSH 740	2) TEM (AHERA) TEN	/ (EPA Level	II) 🗆 O	ther	
Asbestos B	Bulk 🗌 PLM	(EPA/600/R-93/1	16) 🗌 P	LM (EPA F	oint Count)	☐ PLM (EPA Gr	avimetry) 🗌	TEM BL	JLK	
Mold/Fungu	us Mold	Air Mold Bul	k 📗 R	otometer	Calibration					
METALS Total Metals TCLP Cr 6	☐ ICP	(ppm) ☐ Air Fil (ppm) ☐ Drinki A (ppb) ☐ Dust/	ing water wipe (Area) 🗌 Pain	Chips in cm	RCRA Metals Arsenic (As) Barium (Ba) Cadmium (Cd		um (Cr b) (Hg)	Other Me All 3 Copper Nickel (Zinc (Zi	· (Cu) (Ni)
Other Types of Analysis	Other Types Fiberglass Nuisance Dust Other (Specify) PCB BULK WIPE EPA 8082									
Condition of Pa		Good 🗌 Dama	ged (no sp			age (spillage)		21		
Seq. # Lab	ID	Client Sample	Number	Comment	3				AREA	A/R
1		A-1219-1	6-200	BL06	10-200	IN FRONT	- of WIN	Day	100 cm	2
2		B-1219-16	2-300	BLDG	10-300	30074 W	INDOW 3	SILL	11	
3		C-1219-10	-306	RIDG	10-300	NORTH WI	NOOW 51	U	11	
4		12-1219-10	-300	BLDG	10-300	500 TH W	INDOW	FLOO	11	
5		5-1219-10	-400	BLDG	10-400	SOUTH WIN.	DOW FLOOR		11	
6		F-1219-10	-	FIELD B	MKY	COLLECTER	12-22-	2014)		
7			112					1		
8										
9										
10										
11										
12										
13										
14										
15		-								
	Print E	Below	Sign Belo	w. /		Company		Date.	Time	
Sample	ed by DAV	E LEONARD	Va-	La	-	NIL		12 22	14 14	00
Relinquishe	ed by PAVE	- LEONARD	de	X-c		NVL		12-23	7914	34
Receive	ed by Mid	antoke.	V	^	M	- V.	JVC-	12/27	414 15	
Analyze	d by Sha	Jini Patel	V	BU		/	TVL	12/23	//y (8	000
Results Calle	ed by			11						
Results Faxe	d by			1						
Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis. Results report to RL of 0.050 ug /w/PE REQUESTED PCB										